

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
 Data File : BM031029.D
 Acq On : 20 Jul 2021 19:00
 Operator : CG/JU
 Sample : M2940-02
 Misc : LOQ-SOIL 5ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Manual Integrations
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 7/21/2021 11:26:46 AM

Quant Time: Jul 21 01:39:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:21:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	51860	20.000	ng	0.00
21) Naphthalene-d8	10.404	136	226840	20.000	ng	0.00
39) Acenaphthene-d10	14.269	164	164413	20.000	ng	0.00
64) Phenanthrene-d10	17.016	188	375152	20.000	ng	0.00
76) Chrysene-d12	21.204	240	451221	20.000	ng	0.00
86) Perylene-d12	23.380	264	502610	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	364915	126.355	ng	0.00
7) Phenol-d6	6.816	99	509409	121.677	ng	0.00
23) Nitrobenzene-d5	8.787	82	354459	78.457	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	255204	118.868	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	830746	75.391	ng	0.00
79) Terphenyl-d14	19.657	244	1743917	76.468	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	6516	5.615	ng	92
3) Pyridine	3.634	79	13825	4.211	ng	# 90
4) n-Nitrosodimethylamine	3.546	42	8436	4.521	ng	# 75
6) Aniline	6.981	93	23134	5.147	ng	96
8) 2-Chlorophenol	7.204	128	15675	4.611	ng	95
9) Benzaldehyde	6.793	77	14941m	5.989	ng	
10) Phenol	6.840	94	18526	4.567	ng	79
11) bis(2-Chloroethyl)ether	7.081	93	14774	4.920	ng	94
12) 1,3-Dichlorobenzene	7.528	146	17402m	4.708	ng	
13) 1,4-Dichlorobenzene	7.675	146	18683	4.966	ng	94
14) 1,2-Dichlorobenzene	7.981	146	17591	4.787	ng	97
15) Benzyl Alcohol	7.881	79	15640	4.438	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.157	45	18773	4.997	ng	95
17) 2-Methylphenol	8.075	107	12277	4.326	ng	# 90
18) Hexachloroethane	8.704	117	6472	4.457	ng	88
19) n-Nitroso-di-n-propyla...	8.440	70	12602	4.262	ng	# 85
20) 3+4-Methylphenols	8.399	107	17242	4.297	ng	93
22) Acetophenone	8.451	105	27148	4.835	ng	# 91
24) Nitrobenzene	8.828	77	21493	4.711	ng	94
25) Isophorone	9.351	82	33603	4.159	ng	97
26) 2-Nitrophenol	9.534	139	7530	3.920	ng	98
27) 2,4-Dimethylphenol	9.593	122	15053	4.974	ng	96
28) bis(2-Chloroethoxy)met...	9.834	93	19675	4.830	ng	94
29) 2,4-Dichlorophenol	10.057	162	14326	4.002	ng	98
30) 1,2,4-Trichlorobenzene	10.269	180	17887	4.550	ng	89
31) Naphthalene	10.451	128	53445	4.579	ng	98
32) Benzoic acid	9.651	122	7278	2.822	ng	92
33) 4-Chloroaniline	10.569	127	22350	4.439	ng	96
34) Hexachlorobutadiene	10.740	225	11356	4.499	ng	92
35) Caprolactam	11.334	113	4667	3.878	ng	91
36) 4-Chloro-3-methylphenol	11.692	107	16235	3.974	ng	97
37) 2-Methylnaphthalene	12.069	142	39020m	4.337	ng	
38) 1-Methylnaphthalene	12.292	142	36566	4.268	ng	95
40) 1,2,4,5-Tetrachloroben...	12.445	216	21109	4.608	ng	98
41) Hexachlorocyclopentadiene	12.422	237	13015	5.107	ng	98
43) 2,4,6-Trichlorophenol	12.686	196	11837	3.679	ng	95

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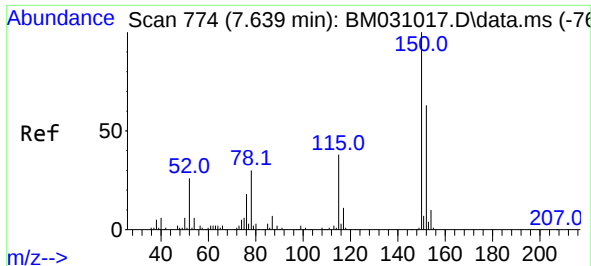
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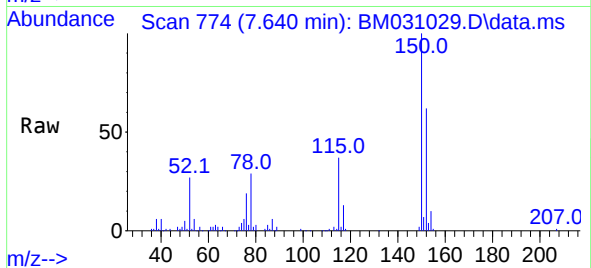
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.751	196	13912	3.905	ng	93
46) 1,1'-Biphenyl	13.098	154	54987	4.717	ng	99
47) 2-Chloronaphthalene	13.134	162	41067	4.497	ng #	92
48) 2-Nitroaniline	13.345	65	10699	3.677	ng	95
49) Acenaphthylene	13.986	152	62806	4.303	ng	98
50) Dimethylphthalate	13.733	163	54684	4.434	ng	99
51) 2,6-Dinitrotoluene	13.851	165	10839	3.924	ng	91
52) Acenaphthene	14.328	154	40299	4.388	ng	92
53) 3-Nitroaniline	14.180	138	10792	3.867	ng	94
54) 2,4-Dinitrophenol	14.380	184	4693	2.881	ng #	79
55) Dibenzofuran	14.669	168	64136	4.258	ng	93
56) 4-Nitrophenol	14.486	139	9316	3.775	ng	88
57) 2,4-Dinitrotoluene	14.639	165	13044	3.391	ng #	87
58) Fluorene	15.322	166	52187	4.107	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.892	232	12906	3.887	ng #	88
60) Diethylphthalate	15.110	149	55644	4.209	ng	98
61) 4-Chlorophenyl-phenyle...	15.322	204	26497	4.211	ng #	84
62) 4-Nitroaniline	15.339	138	11477	3.728	ng	92
63) Azobenzene	15.616	77	52101	3.959	ng	94
65) 4,6-Dinitro-2-methylph...	15.398	198	7361	3.128	ng	91
66) n-Nitrosodiphenylamine	15.539	169	43942	3.985	ng	99
67) 4-Bromophenyl-phenylether	16.216	248	16088	4.145	ng #	87
68) Hexachlorobenzene	16.316	284	19082	4.363	ng #	87
69) Atrazine	16.492	200	17745	4.384	ng	92
70) Pentachlorophenol	16.669	266	10796	3.775	ng	86
71) Phenanthrene	17.057	178	89447	4.306	ng	98
72) Anthracene	17.145	178	88568	4.323	ng	98
73) Carbazole	17.421	167	82255	4.056	ng	98
74) Di-n-butylphthalate	17.998	149	91834	3.855	ng #	98
75) Fluoranthene	19.074	202	106785	4.107	ng	99
77) Benzidine	19.268	184	57805	5.189	ng	100
78) Pyrene	19.433	202	113754	4.037	ng	99
80) Butylbenzylphthalate	20.357	149	43471	3.613	ng	93
81) Benzo(a)anthracene	21.186	228	125836	4.208	ng	97
82) 3,3'-Dichlorobenzidine	21.127	252	44911	5.479	ng	98
83) Chrysene	21.239	228	124872	4.298	ng	97
84) Bis(2-ethylhexyl)phtha...	21.139	149	70285	3.771	ng	94
85) Di-n-octyl phthalate	22.004	149	121704	3.813	ng	96
87) Indeno(1,2,3-cd)pyrene	25.539	276	158906	4.424	ng	99
88) Benzo(b)fluoranthene	22.727	252	139934	4.202	ng	99
89) Benzo(k)fluoranthene	22.774	252	132471	4.253	ng	100
90) Benzo(a)pyrene	23.280	252	132132	4.407	ng	98
91) Dibenzo(a,h)anthracene	25.556	278	133869	4.306	ng	98
92) Benzo(g,h,i)perylene	26.203	276	132441	4.471	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.640 min Scan# 774
Delta R.T. 0.001 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

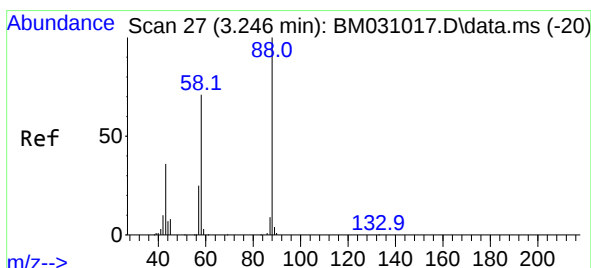
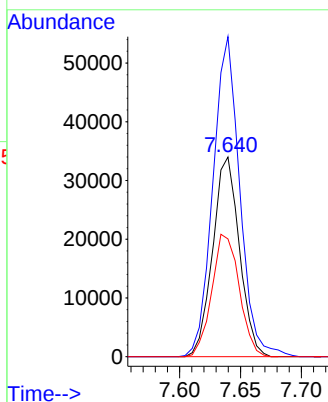
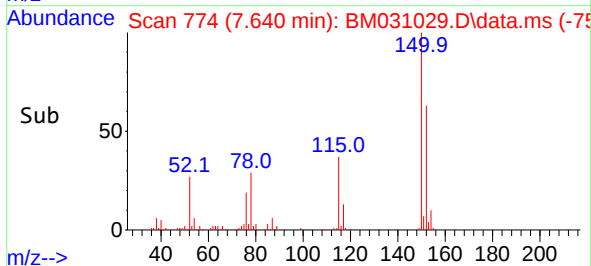
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021



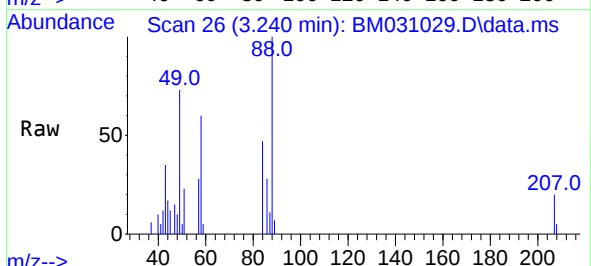
Tgt Ion:152 Resp: 51860
Ion Ratio Lower Upper
152 100
150 160.3 125.9 188.9
115 59.0 44.6 67.0

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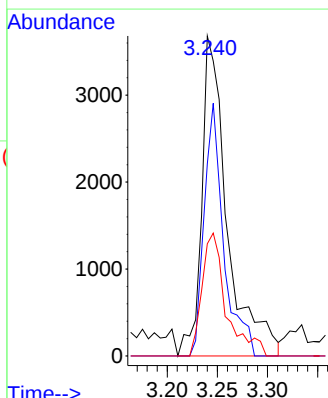
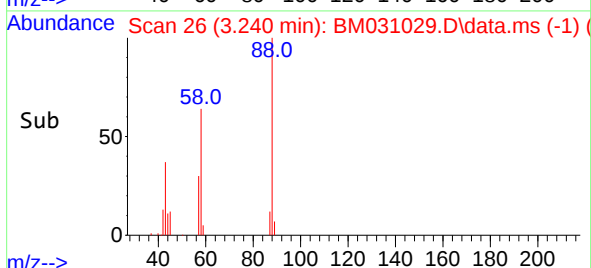
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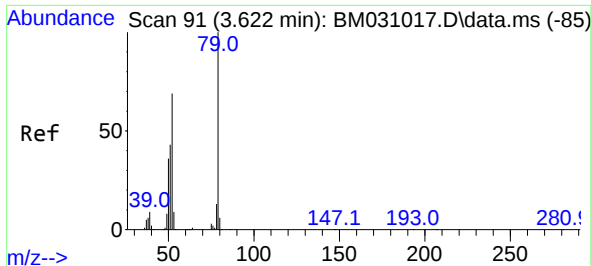


#2
1,4-Dioxane
Concen: 5.615 ng
RT: 3.240 min Scan# 26
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



Tgt Ion: 88 Resp: 6516
Ion Ratio Lower Upper
88 100
58 60.4 53.6 80.4
43 36.4 25.8 38.6





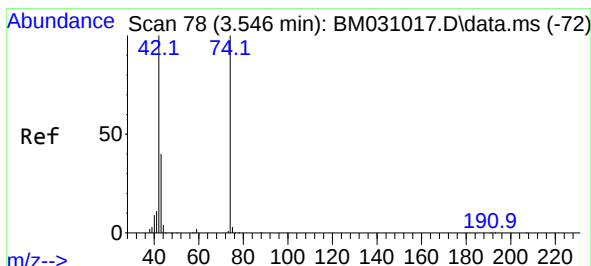
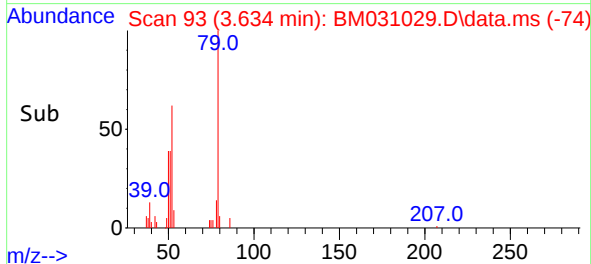
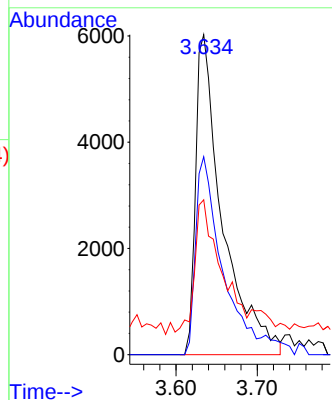
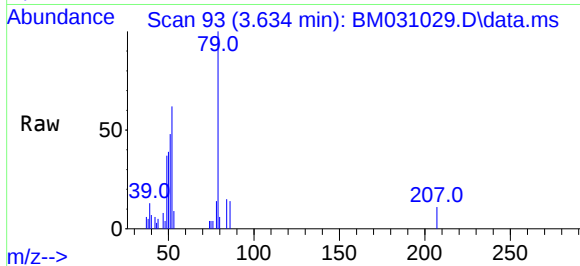
#3
Pyridine
Concen: 4.211 ng
RT: 3.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 79 Resp: 13825
Ion Ratio Lower Upper
79 100
52 61.9 48.2 72.2
51 48.4 27.9 41.9#

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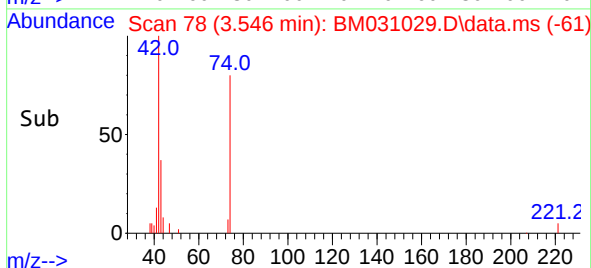
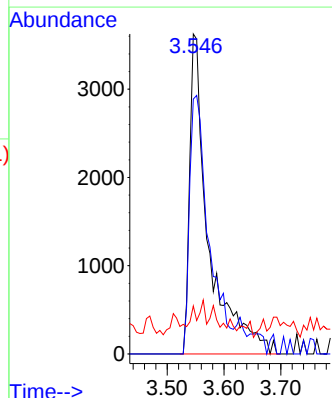
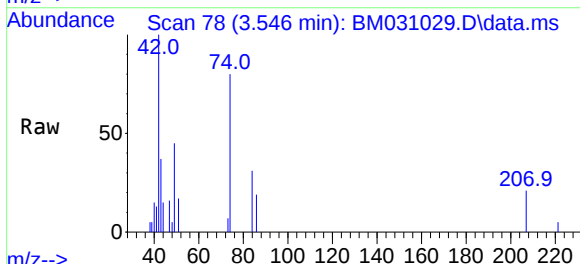
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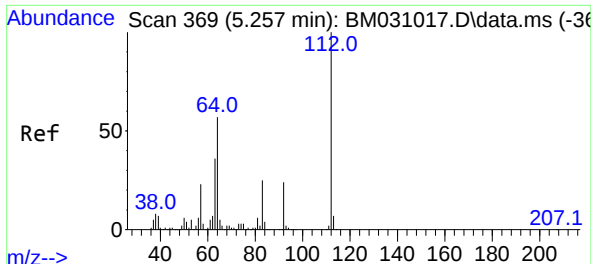
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#4
n-Nitrosodimethylamine
Concen: 4.521 ng
RT: 3.546 min Scan# 78
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 42 Resp: 8436
Ion Ratio Lower Upper
42 100
74 79.6 84.1 126.1#
44 15.0 4.5 6.7#





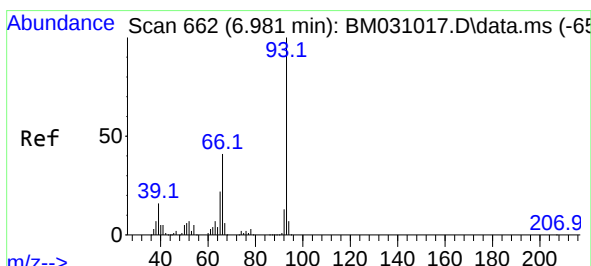
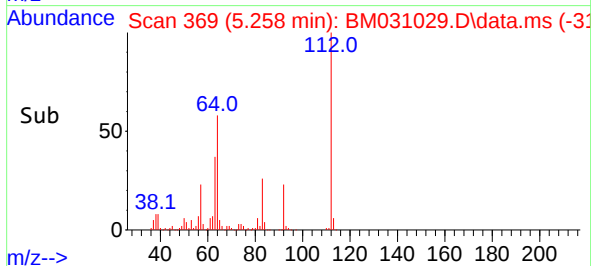
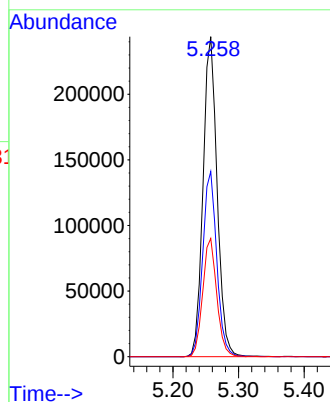
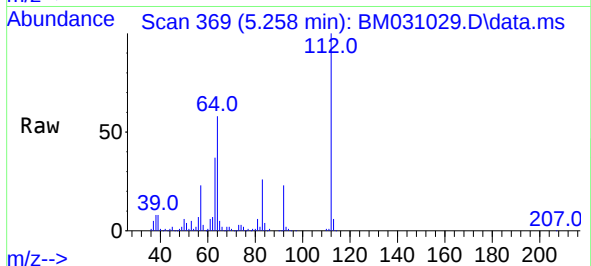
#5
2-Fluorophenol
Concen: 126.355 ng
RT: 5.258 min Scan# 369
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:	112	Resp:	364915
Ion Ratio	Lower	Upper	
112	100		
64	57.8	47.1	70.7
63	37.0	27.3	40.9

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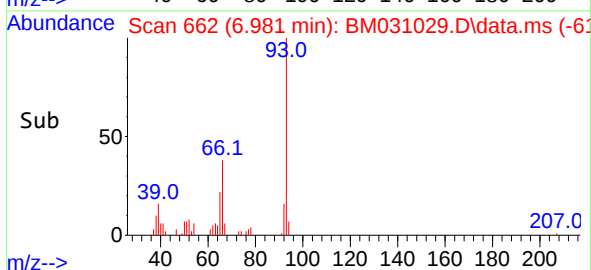
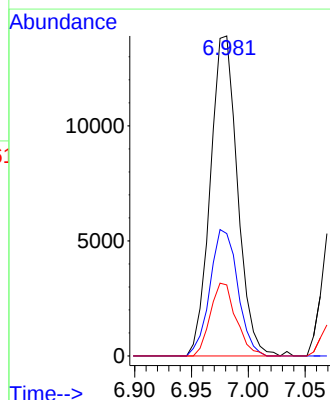
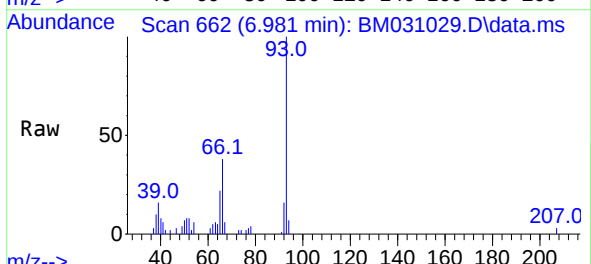
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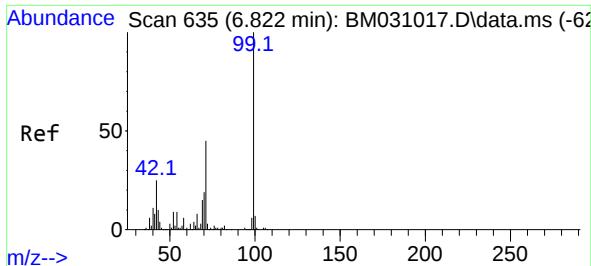
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#6
Aniline
Concen: 5.147 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:	93	Resp:	23134
Ion Ratio	Lower	Upper	
93	100		
66	38.3	32.7	49.1
65	22.2	16.8	25.2





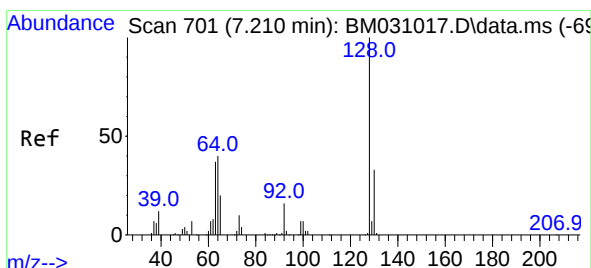
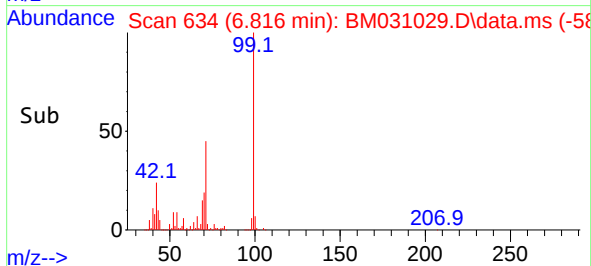
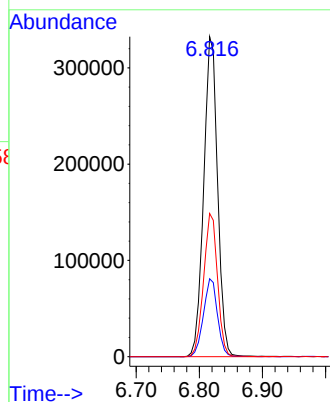
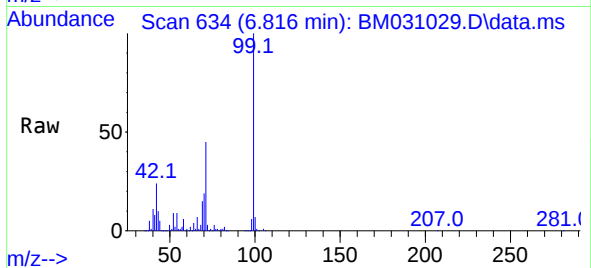
#7
Phenol-d6
Concen: 121.677 ng
RT: 6.816 min Scan# 634
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:	99	Resp:	509409
Ion	Ratio	Lower	Upper
99	100		
42	24.3	18.0	27.0
71	44.7	30.9	46.3

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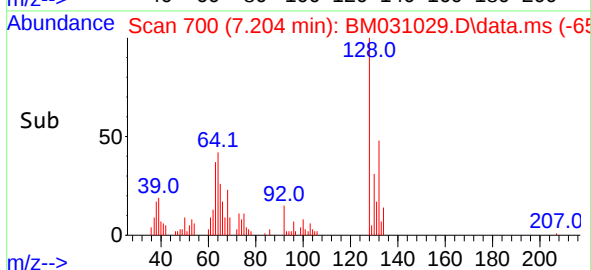
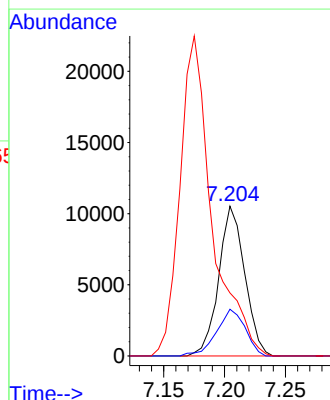
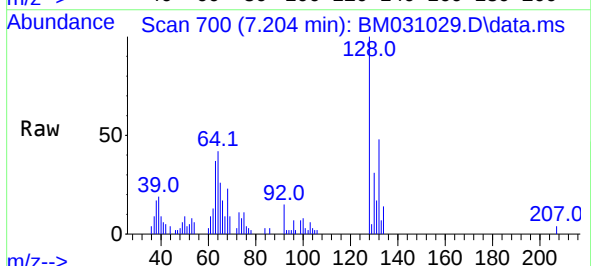
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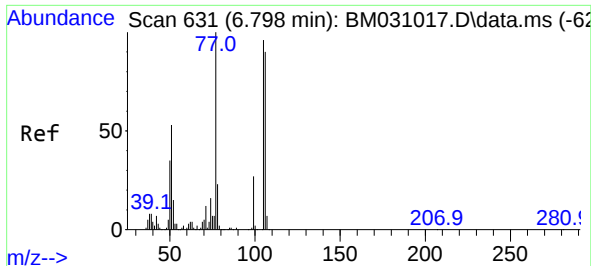
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#8
2-Chlorophenol
Concen: 4.611 ng
RT: 7.204 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

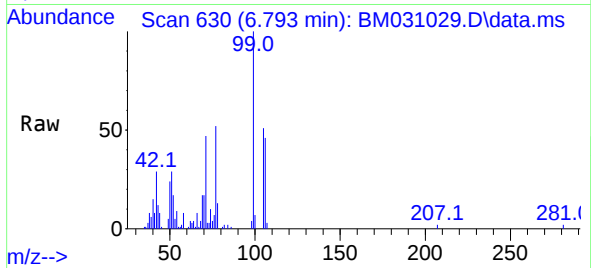
Tgt Ion:	128	Resp:	15675
Ion	Ratio	Lower	Upper
128	100		
130	31.2	13.5	53.5
64	42.1	25.7	65.7





#9
Benzaldehyde
Concen: 5.989 ng m
RT: 6.793 min Scan# 630
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

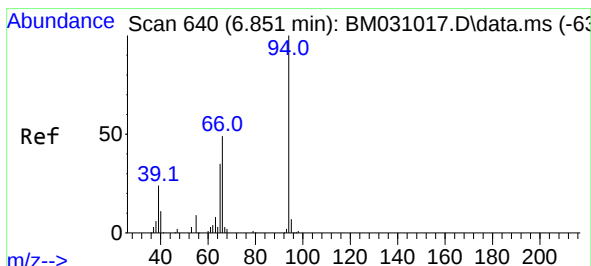
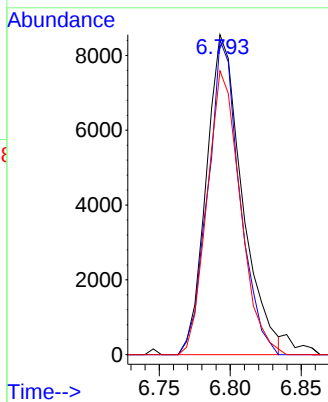
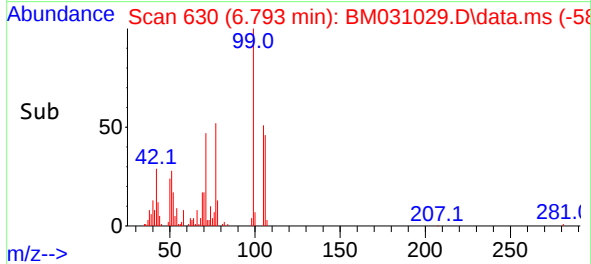
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021



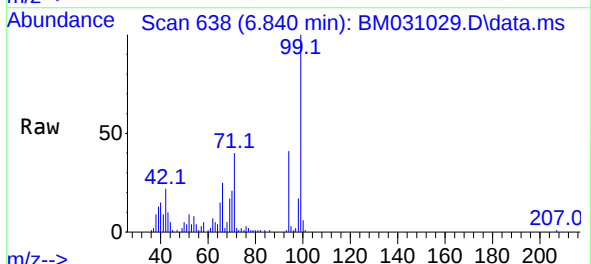
Tgt Ion: 77 Resp: 14941
Ion Ratio Lower Upper
77 100
105 98.3 71.2 111.2
106 88.7 68.6 108.6

Manual Integrations
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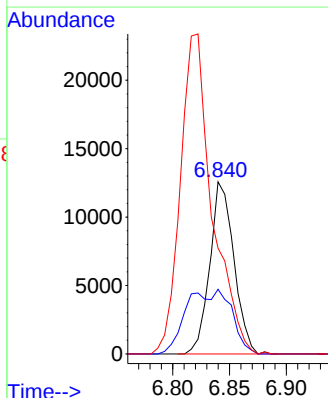
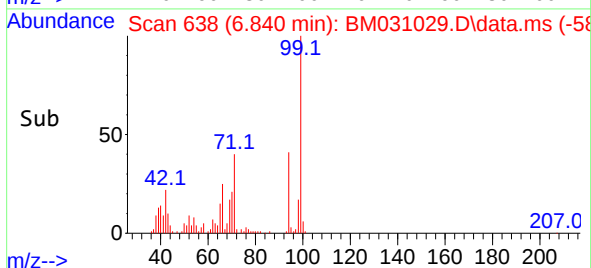
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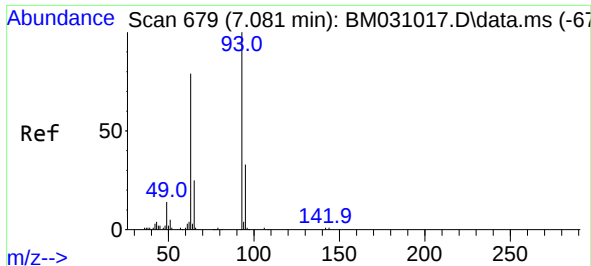


#10
Phenol
Concen: 4.567 ng
RT: 6.840 min Scan# 638
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



Tgt Ion: 94 Resp: 18526
Ion Ratio Lower Upper
94 100
65 37.5 11.9 51.9
66 61.4 22.6 62.6





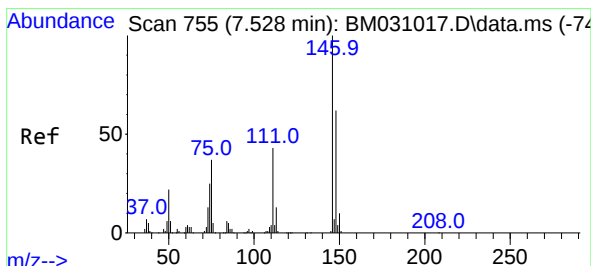
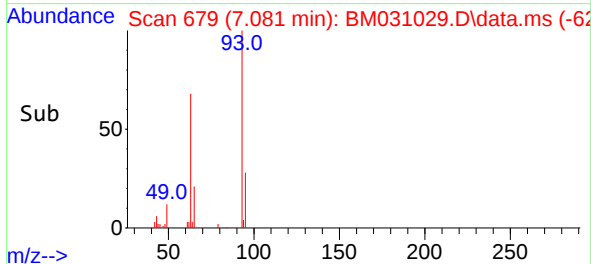
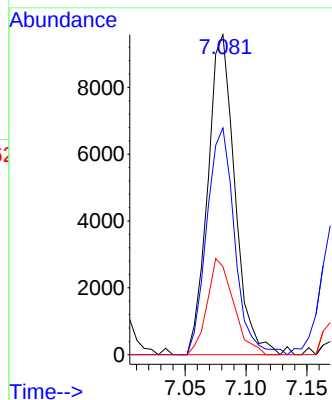
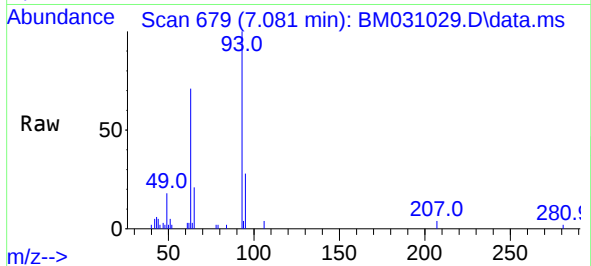
#11
bis(2-Chloroethyl)ether
Concen: 4.920 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:	93	Resp:	14774
Ion	Ratio	Lower	Upper
93	100		
63	70.8	54.3	94.3
95	27.5	12.7	52.7

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

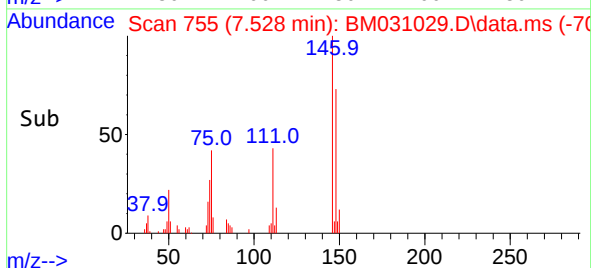
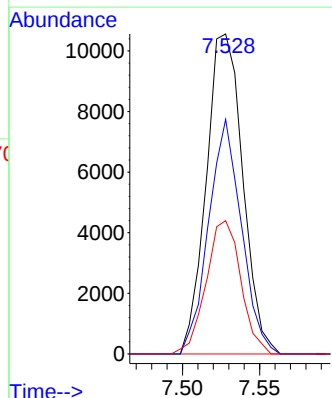
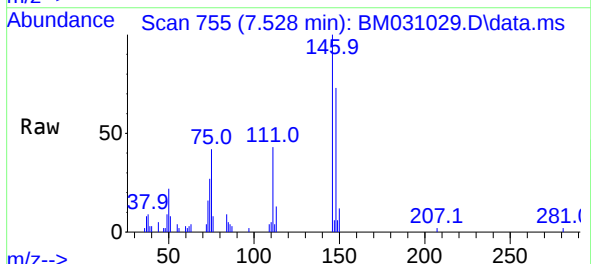
Manual Integrations
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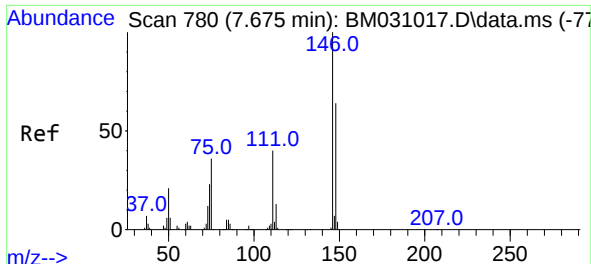
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#12
1,3-Dichlorobenzene
Concen: 4.708 ng m
RT: 7.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:	146	Resp:	17402
Ion	Ratio	Lower	Upper
146	100		
148	73.3	52.2	78.4
75	41.7	25.8	38.8#





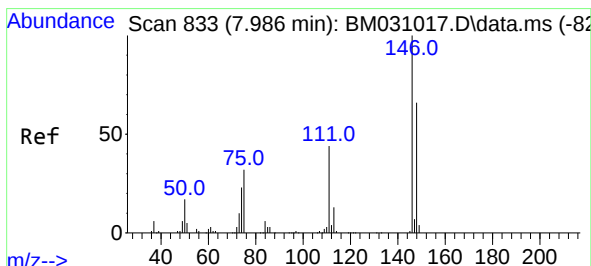
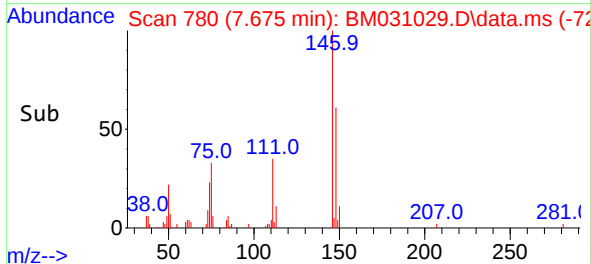
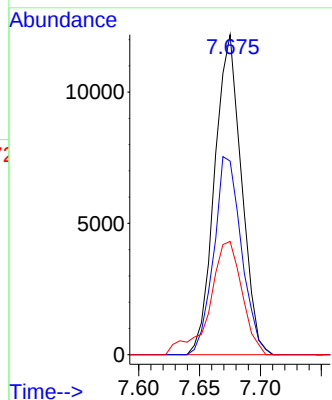
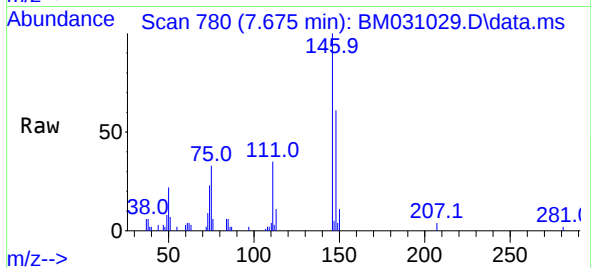
#13
1,4-Dichlorobenzene
Concen: 4.966 ng
RT: 7.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:146 Resp: 18683
Ion Ratio Lower Upper
146 100
148 60.5 51.8 77.8
111 35.4 31.0 46.6

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

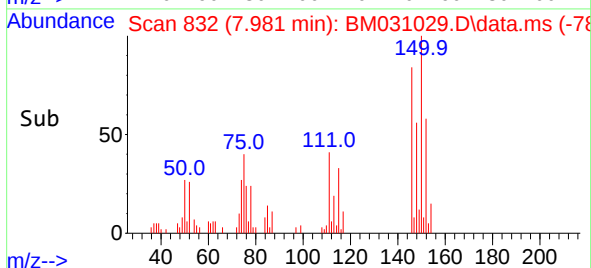
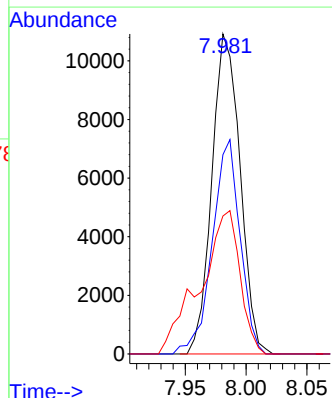
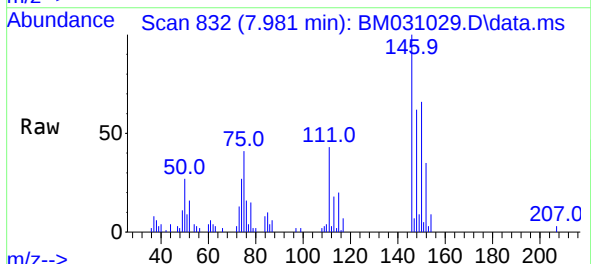
Manual Integrations
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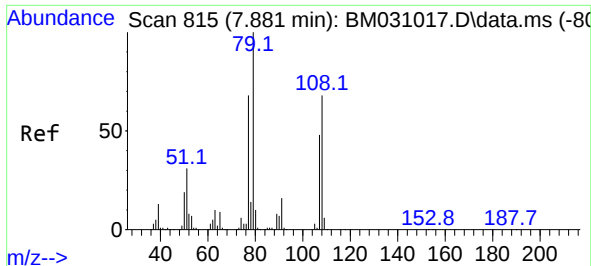
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#14
1,2-Dichlorobenzene
Concen: 4.787 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

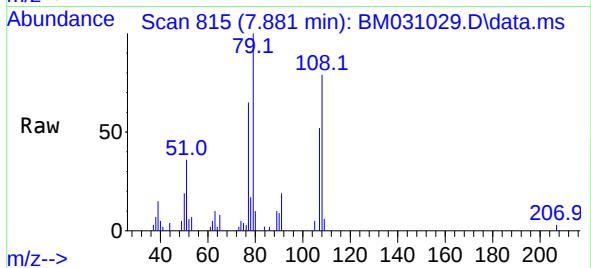
Tgt Ion:146 Resp: 17591
Ion Ratio Lower Upper
146 100
148 62.3 51.7 77.5
111 43.1 32.6 49.0





#15
Benzyl Alcohol
Concen: 4.438 ng
RT: 7.881 min Scan# 815
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

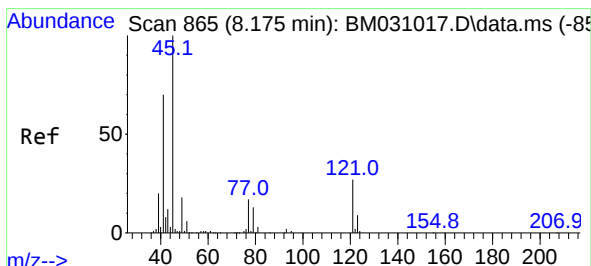
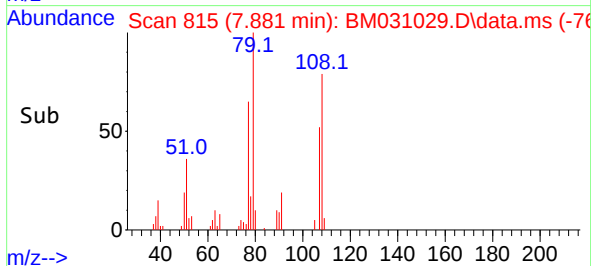
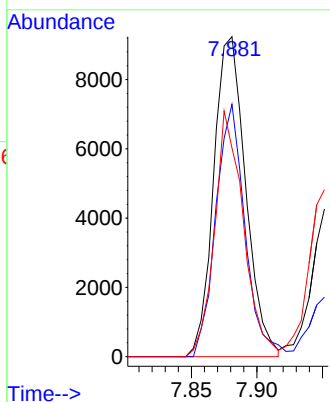
Instrument :
BNA_M
ClientSampleId :
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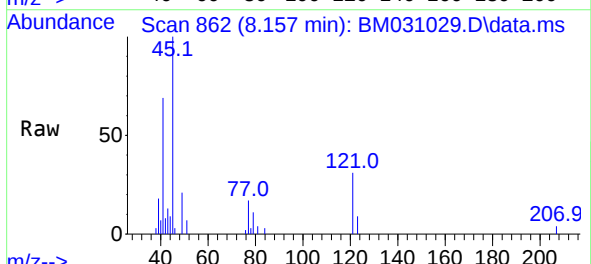
Tgt Ion:	79	Resp:	15640
Ion Ratio	Lower	Upper	
79	100		
108	78.9	57.0	85.4
77	65.2	54.6	81.8

Manual Integrations
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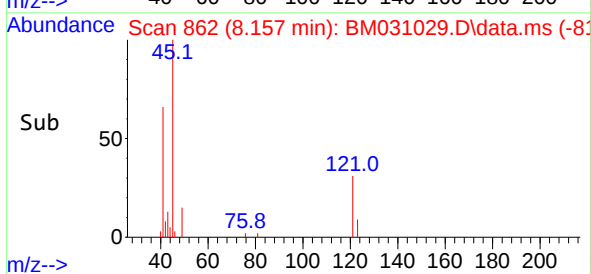
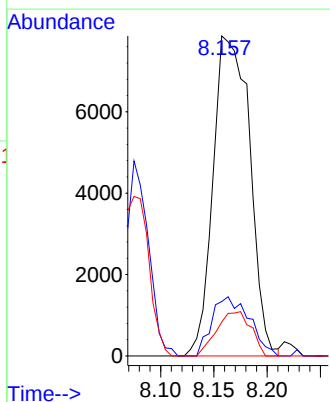
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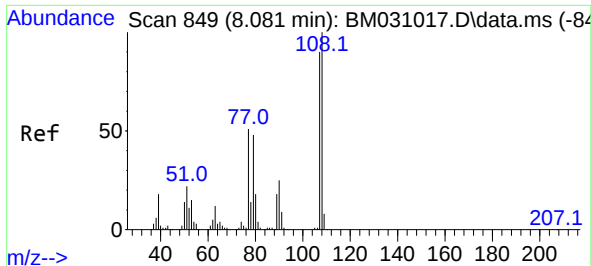


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.997 ng
RT: 8.157 min Scan# 862
Delta R.T. -0.017 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



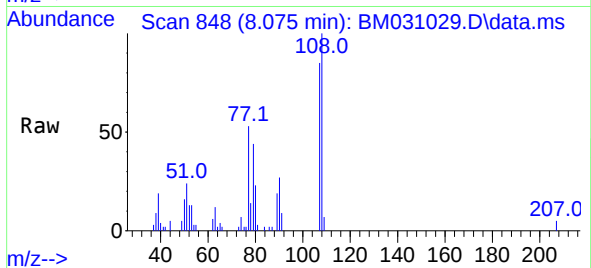
Tgt Ion:	45	Resp:	18773
Ion Ratio	Lower	Upper	
45	100		
77	17.0	0.0	38.0
79	10.6	0.0	34.1





#17
2-Methylphenol
Concen: 4.326 ng
RT: 8.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

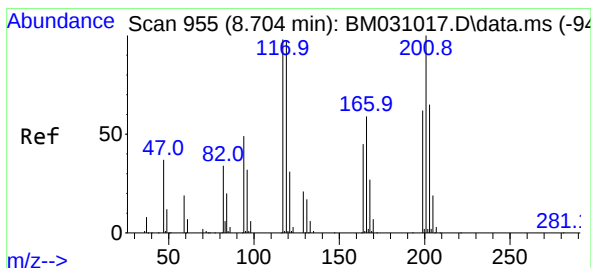
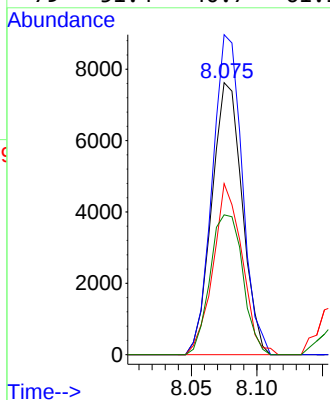
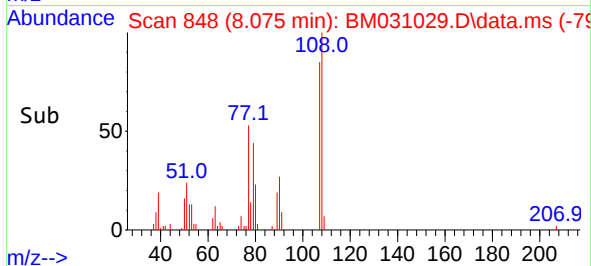
Instrument :
BNA_M
ClientSampleId :
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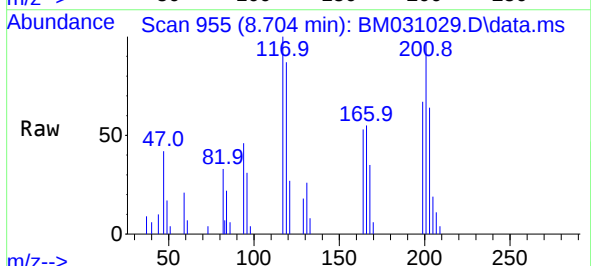
Tgt Ion:	107	Resp:	12277
Ion	Ratio	Lower	Upper
107	100		
108	117.7	85.0	127.6
77	62.9	41.3	61.9#
79	51.4	40.7	61.1

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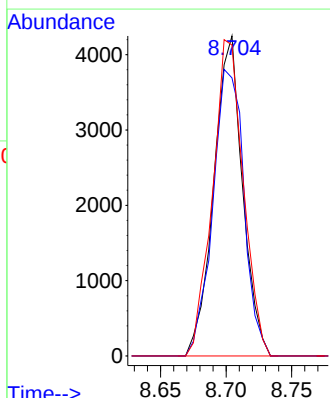
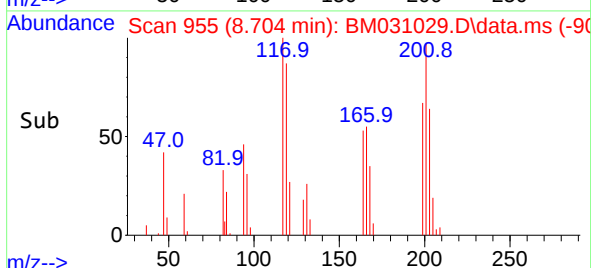
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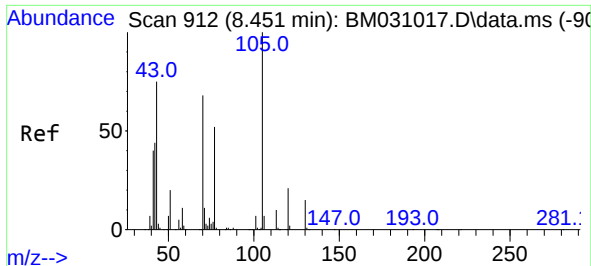


#18
Hexachloroethane
Concen: 4.457 ng
RT: 8.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



Tgt Ion:	117	Resp:	6472
Ion	Ratio	Lower	Upper
117	100		
119	86.9	76.2	114.2
201	97.1	89.8	134.6





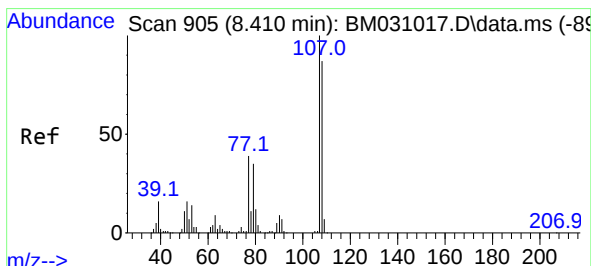
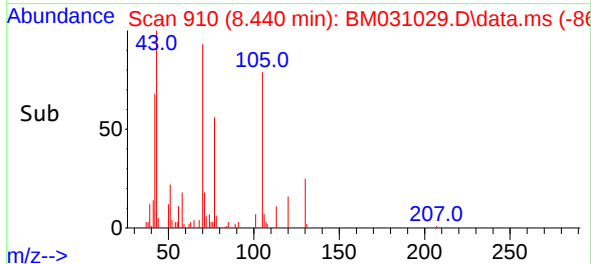
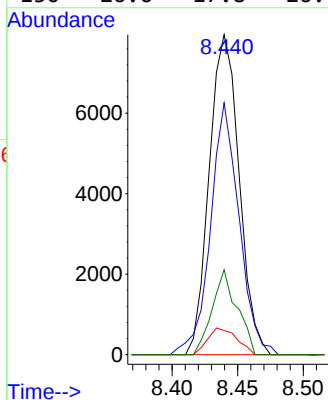
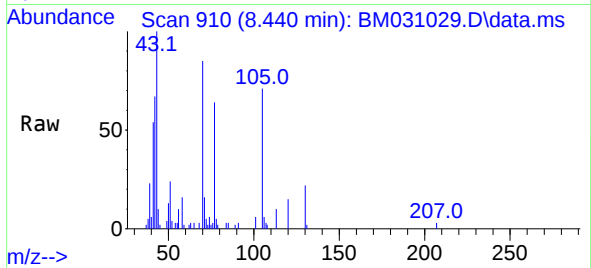
#19
n-Nitroso-di-n-propylamine
Concen: 4.262 ng
RT: 8.440 min Scan# 910
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:	70	Resp:	12602
Ion	Ratio	Lower	Upper
70	100		
42	78.6	51.4	77.0#
101	7.5	8.1	12.1#
130	26.6	17.8	26.6

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

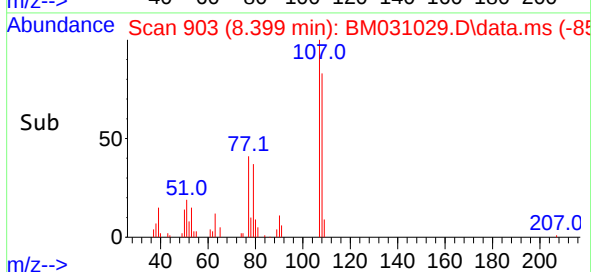
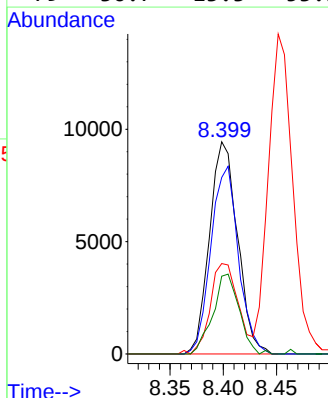
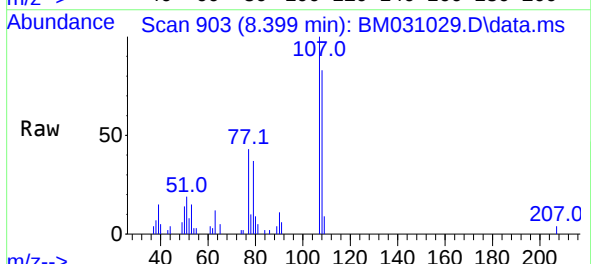
Manual Integrations
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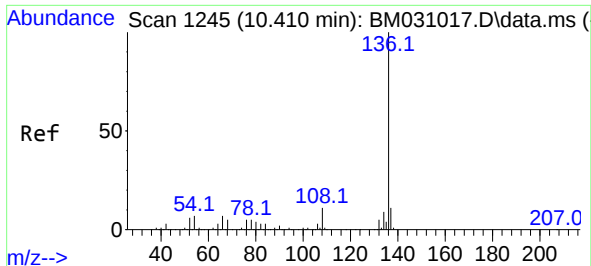
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#20
3+4-Methylphenols
Concen: 4.297 ng
RT: 8.399 min Scan# 903
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

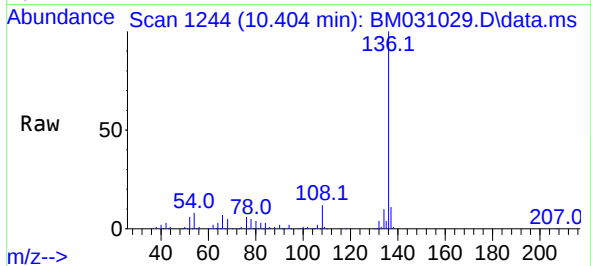
Tgt Ion:	107	Resp:	17242
Ion	Ratio	Lower	Upper
107	100		
108	83.2	69.9	109.9
77	42.6	17.3	57.3
79	36.7	13.3	53.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.404 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

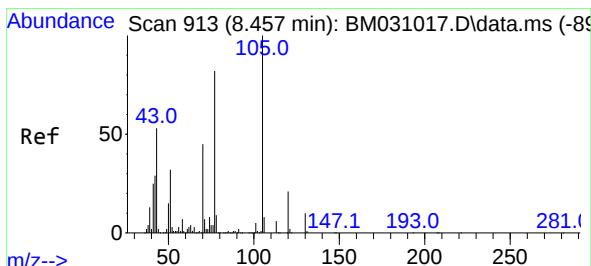
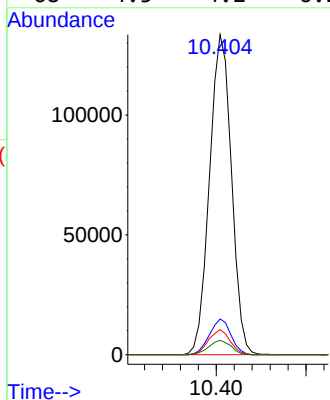
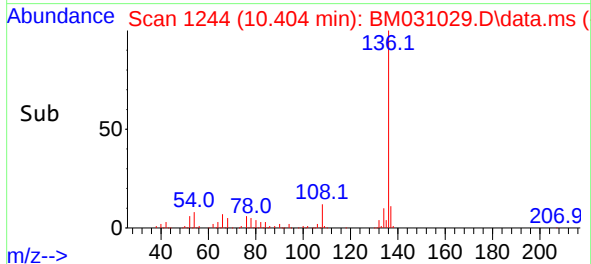
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021



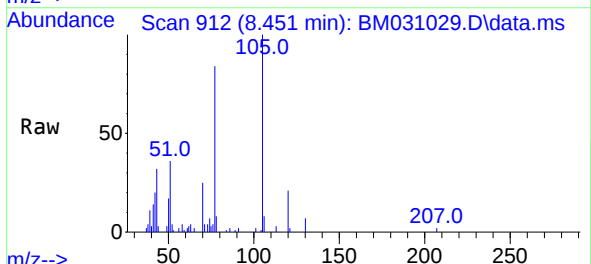
Tgt Ion:	136	Resp:	226840
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.4	12.6
54	7.9	5.5	8.3
68	4.5	4.2	6.2

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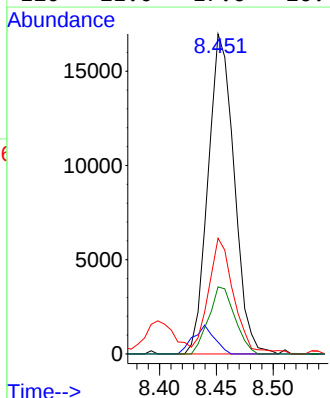
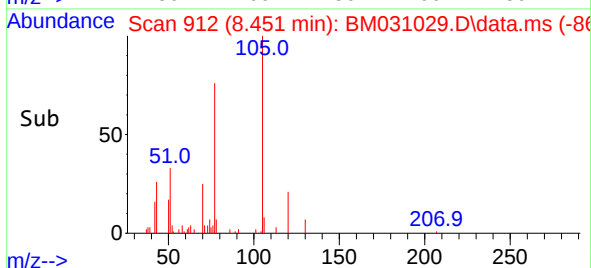
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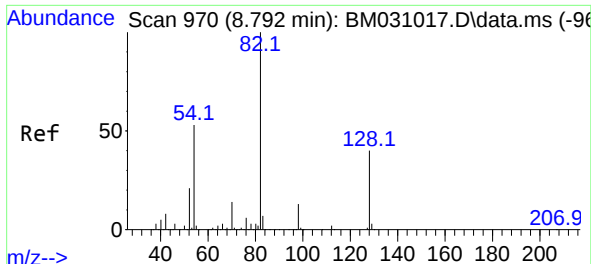


#22
Acetophenone
Concen: 4.835 ng
RT: 8.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



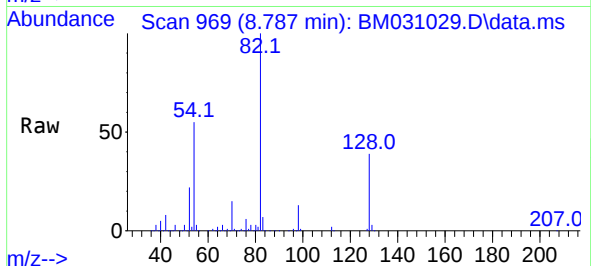
Tgt Ion:	105	Resp:	27148
Ion Ratio	Lower	Upper	
105	100		
71	3.7	3.4	5.0
51	36.2	22.2	33.4#
120	21.0	17.6	26.4





#23
Nitrobenzene-d5
Concen: 78.457 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

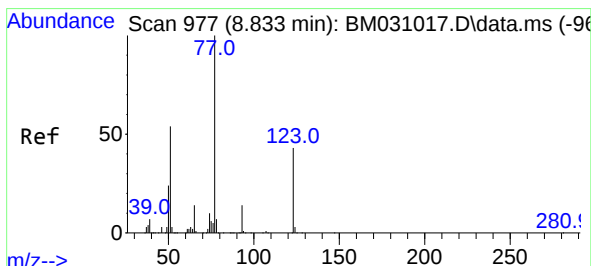
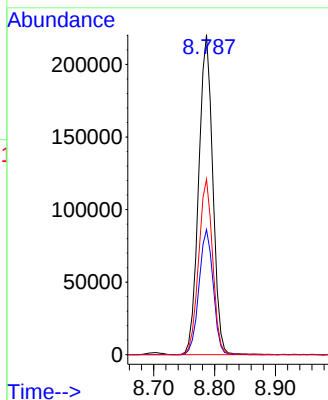
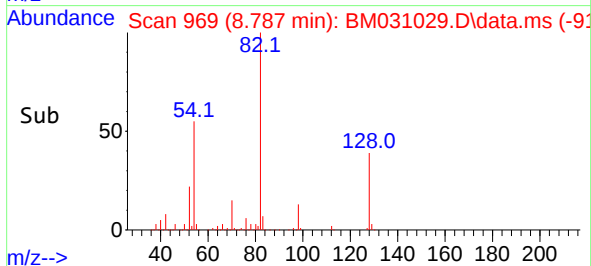
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021



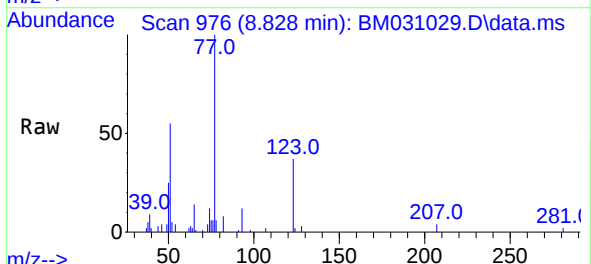
Tgt Ion: 82 Resp: 354459
Ion Ratio Lower Upper
82 100
128 39.1 31.1 46.7
54 54.9 37.3 55.9

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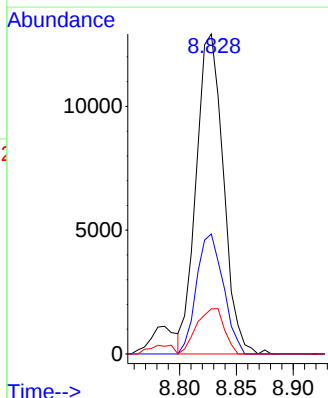
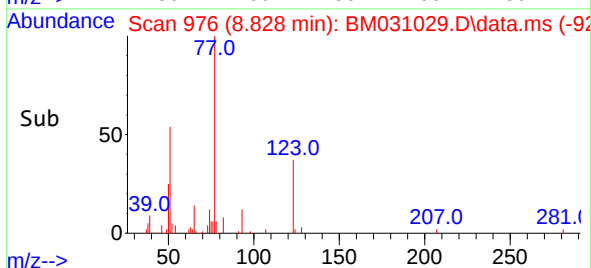
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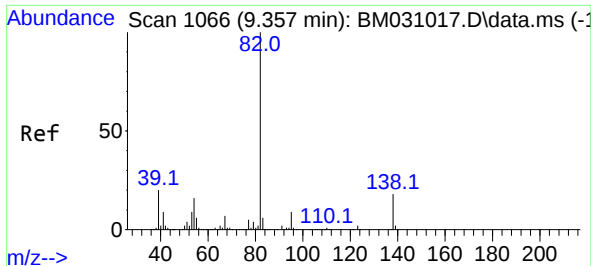


#24
Nitrobenzene
Concen: 4.711 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



Tgt Ion: 77 Resp: 21493
Ion Ratio Lower Upper
77 100
123 37.5 34.0 51.0
65 14.1 11.0 16.4





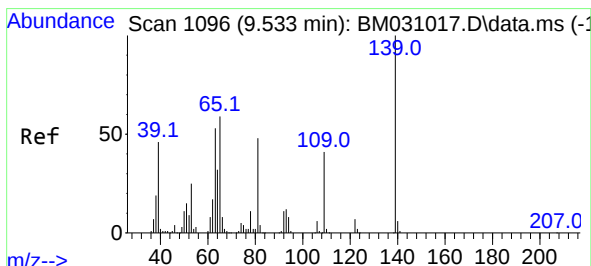
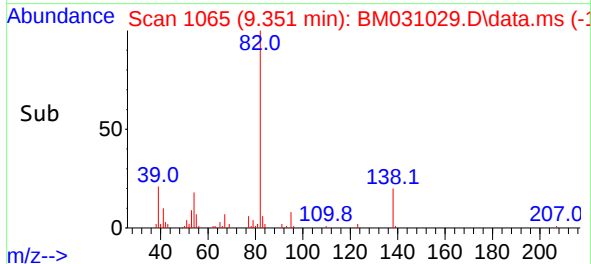
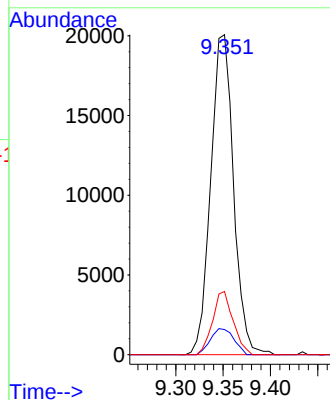
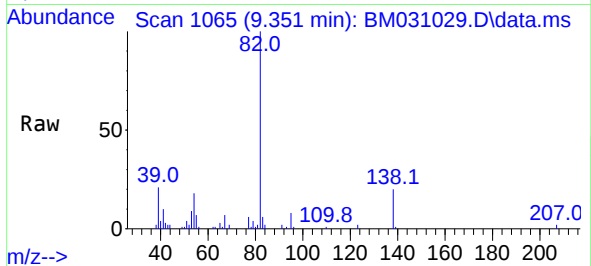
#25
Isophorone
Concen: 4.159 ng
RT: 9.351 min Scan# 1065
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 82 Resp: 33603
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 19.8 14.5 21.7

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

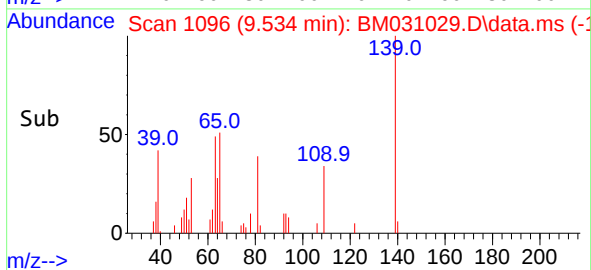
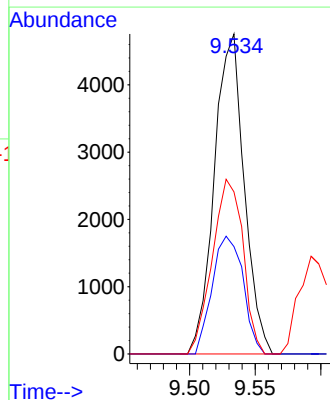
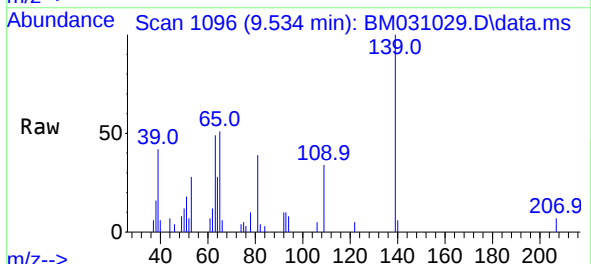
Manual Integrations
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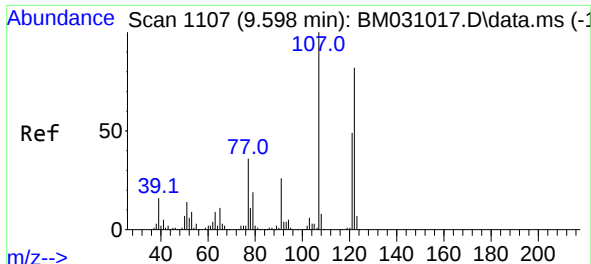
mohammad
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#26
2-Nitrophenol
Concen: 3.920 ng
RT: 9.534 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 139 Resp: 7530
Ion Ratio Lower Upper
139 100
109 33.6 26.7 40.1
65 50.7 41.9 62.9





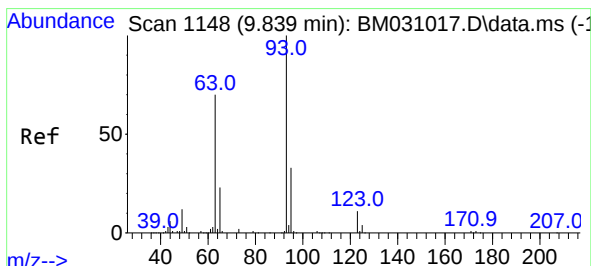
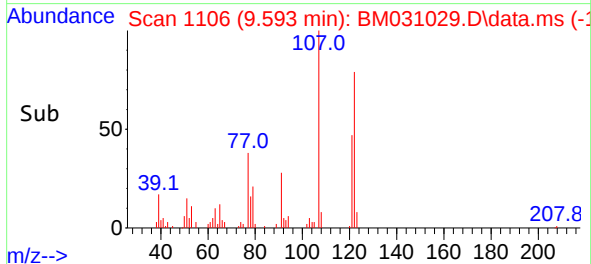
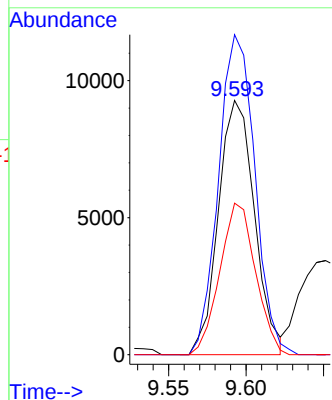
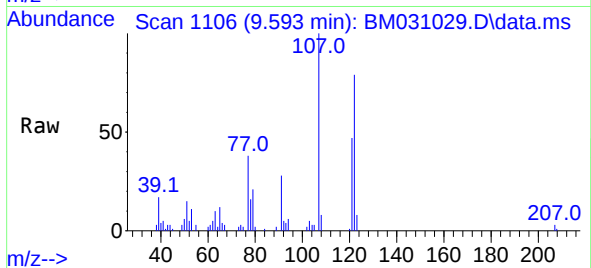
#27
2,4-Dimethylphenol
Concen: 4.974 ng
RT: 9.593 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 122 Resp: 15053
Ion Ratio Lower Upper
122 100
107 125.9 95.0 142.6
121 59.6 48.1 72.1

Instrument :
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ClientSampleId :
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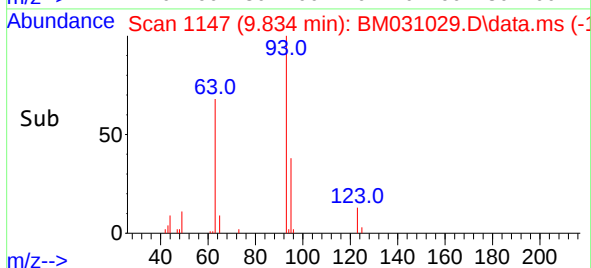
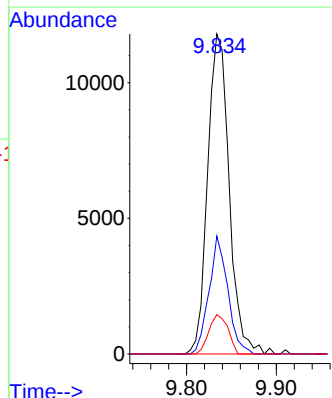
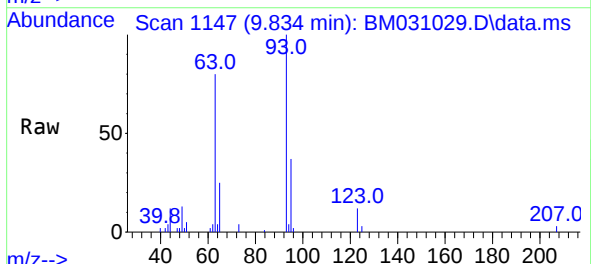
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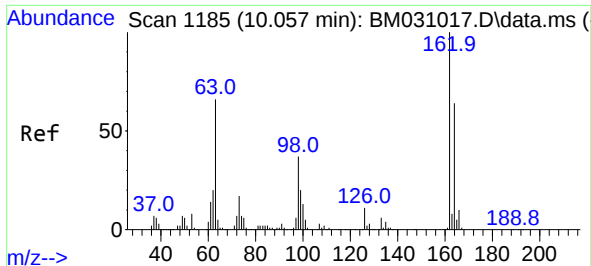
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#28
bis(2-Chloroethoxy)methane
Concen: 4.830 ng
RT: 9.834 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 93 Resp: 19675
Ion Ratio Lower Upper
93 100
95 36.8 26.2 39.2
123 12.3 9.3 13.9





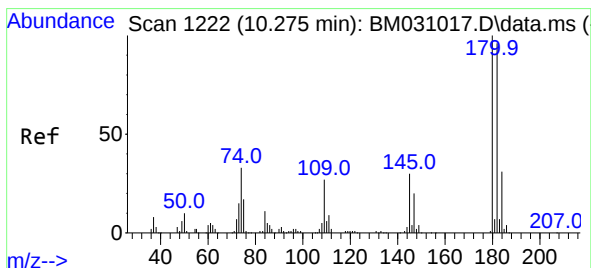
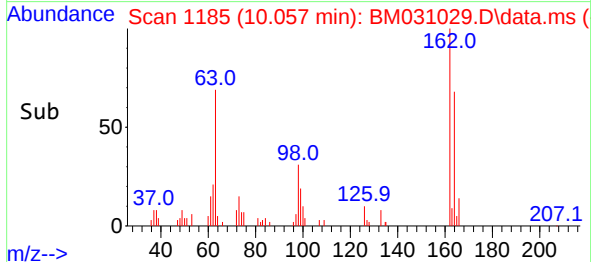
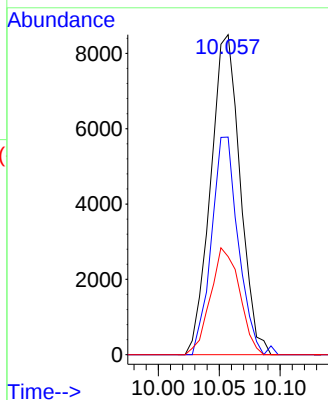
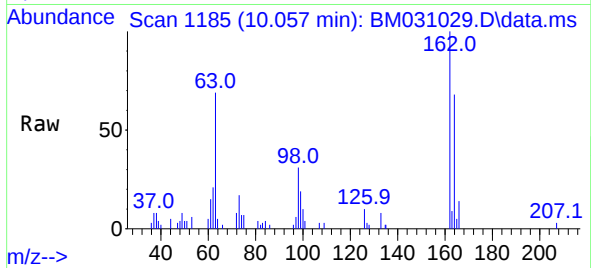
#29
2,4-Dichlorophenol
Concen: 4.002 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:	162	Resp:	14326
Ion Ratio	Lower	Upper	
162	100		
164	68.0	46.5	86.5
98	30.7	12.1	52.1

Instrument :
BNA_M
ClientSampleId :
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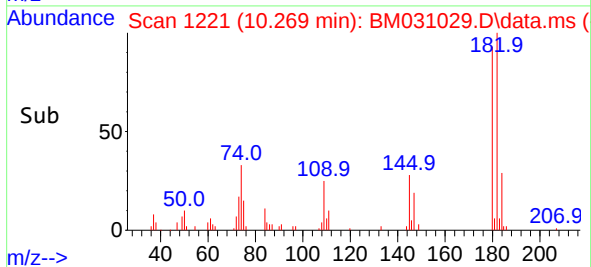
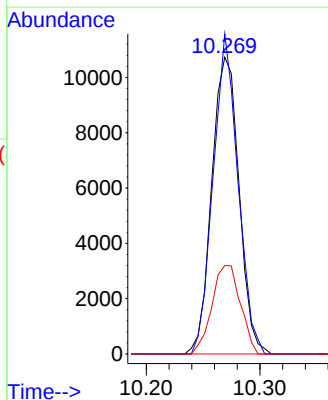
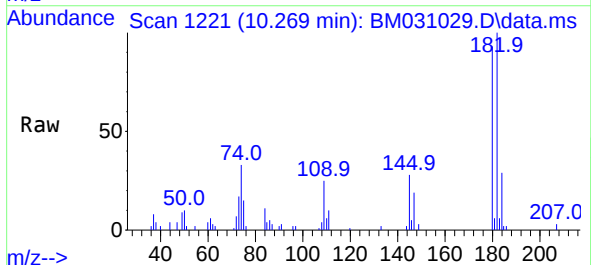
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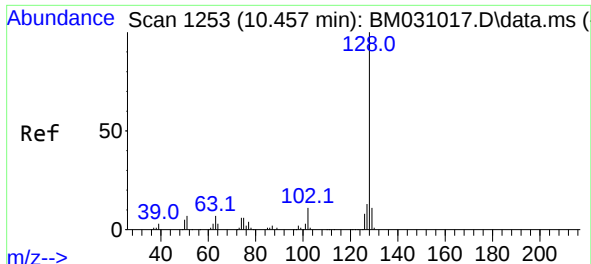
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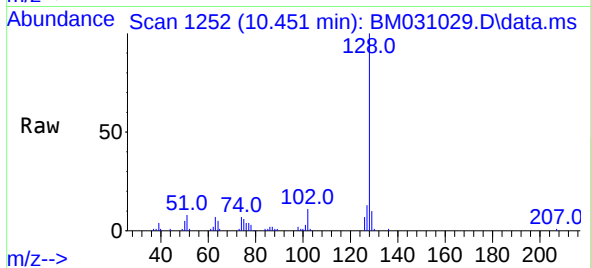
#30
1,2,4-Trichlorobenzene
Concen: 4.550 ng
RT: 10.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:	180	Resp:	17887
Ion Ratio	Lower	Upper	
180	100		
182	107.8	76.3	114.5
145	29.8	22.3	33.5



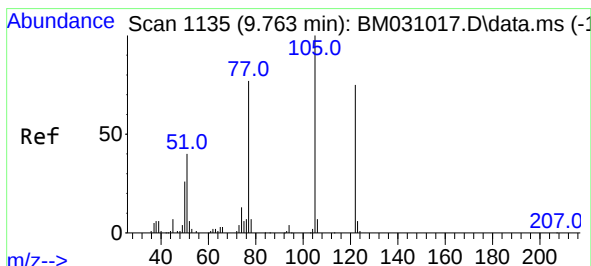
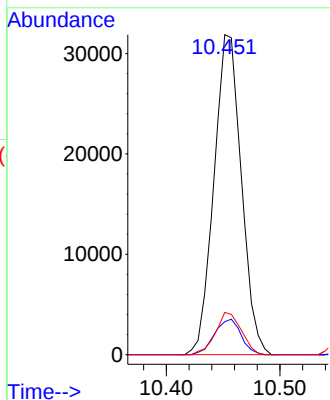
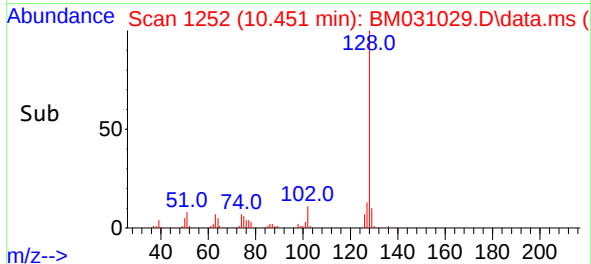


#31
Naphthalene
Concen: 4.579 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

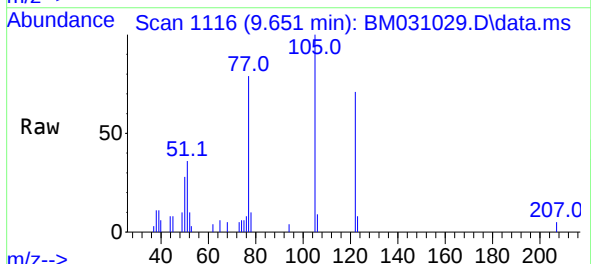


Tgt Ion:128 Resp: 53445

Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.0	13.6
127	13.2	10.8	16.2

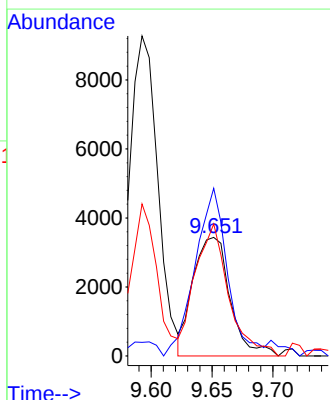
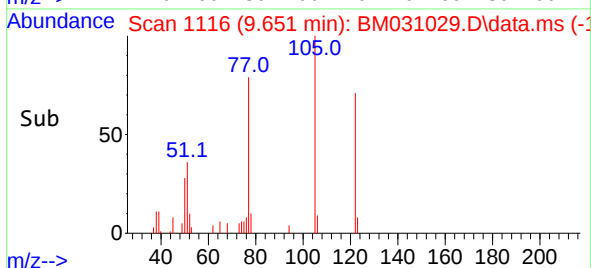


#32
Benzoic acid
Concen: 2.822 ng
RT: 9.651 min Scan# 1116
Delta R.T. -0.111 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



Tgt Ion:122 Resp: 7278

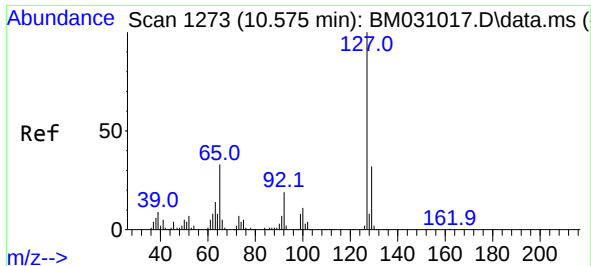
Ion	Ratio	Lower	Upper
122	100		
105	141.5	107.3	147.3
77	111.4	88.0	128.0



Instrument :
BNA_M
ClientSampleId :
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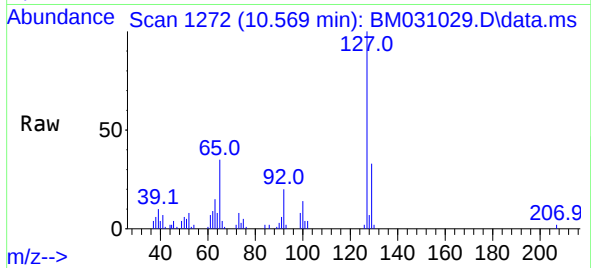
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#33
4-Chloroaniline
Concen: 4.439 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

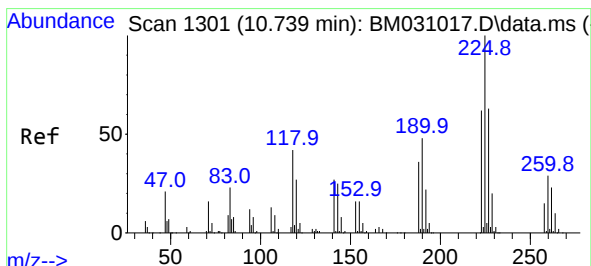
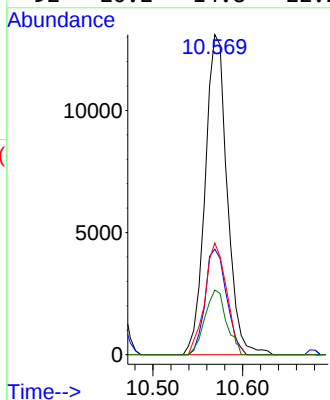
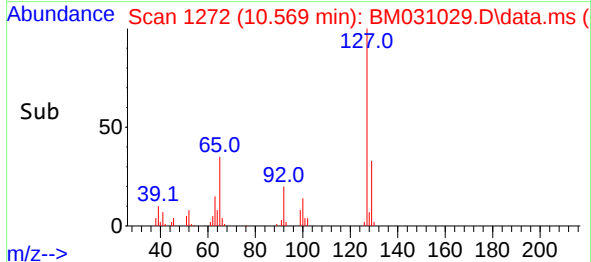
Instrument :
BNA_M
ClientSampleId :
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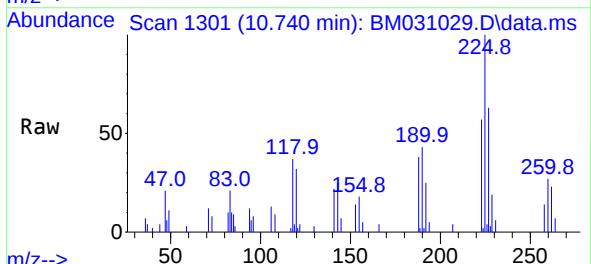
Tgt Ion:	127	Resp:	22350
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.8	40.2
65	34.9	25.2	37.8
92	20.2	14.8	22.2

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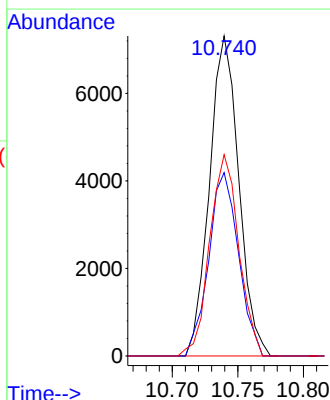
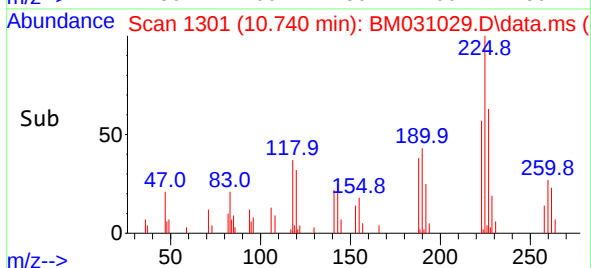
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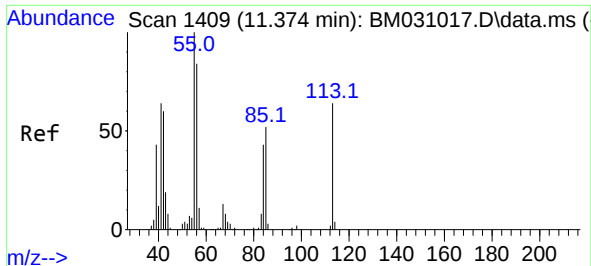


#34
Hexachlorobutadiene
Concen: 4.499 ng
RT: 10.740 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

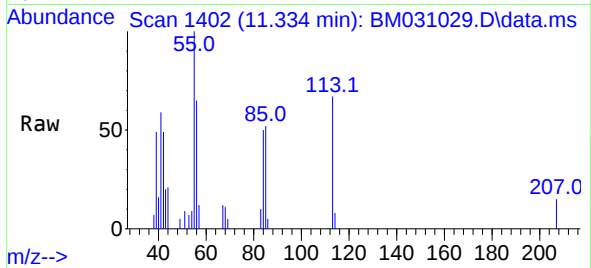


Tgt Ion:	225	Resp:	11356
Ion	Ratio	Lower	Upper
225	100		
223	57.3	52.1	78.1
227	62.9	53.8	80.6

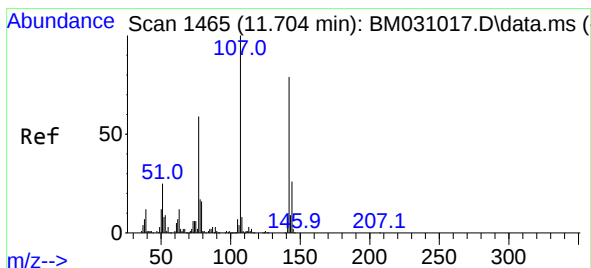
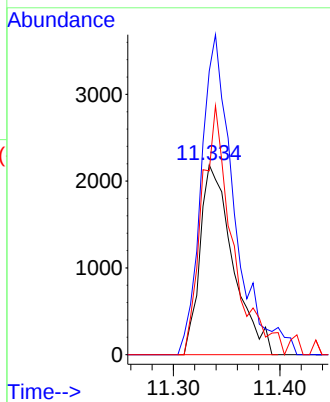
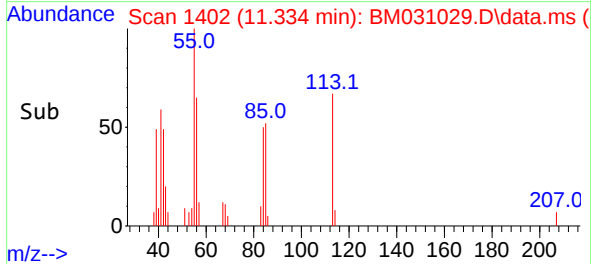




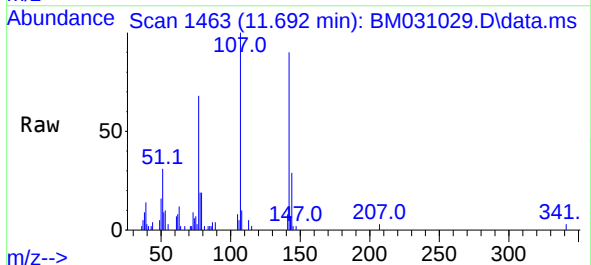
#35
Caprolactam
Concen: 3.878 ng
RT: 11.334 min Scan# 1402
Delta R.T. -0.041 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



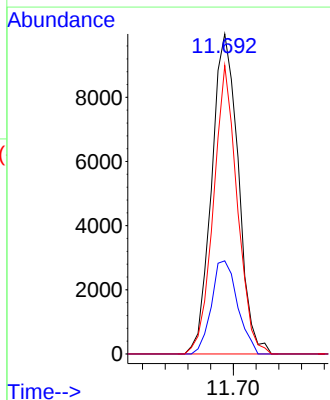
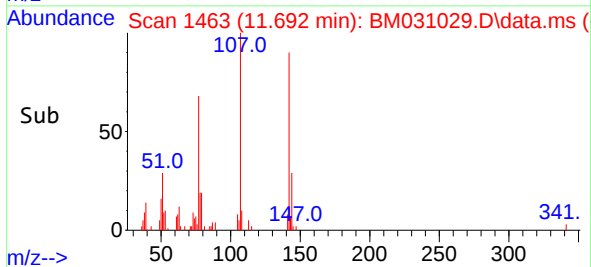
Tgt Ion:113 Resp: 4667
Ion Ratio Lower Upper
113 100
55 149.5 132.0 172.0
56 96.9 96.3 136.3



#36
4-Chloro-3-methylphenol
Concen: 3.974 ng
RT: 11.692 min Scan# 1463
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



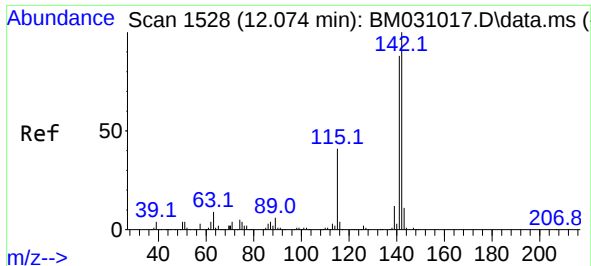
Tgt Ion:107 Resp: 16235
Ion Ratio Lower Upper
107 100
144 29.1 22.3 33.5
142 90.1 69.3 103.9



Instrument :
BNA_M
ClientSampleId :
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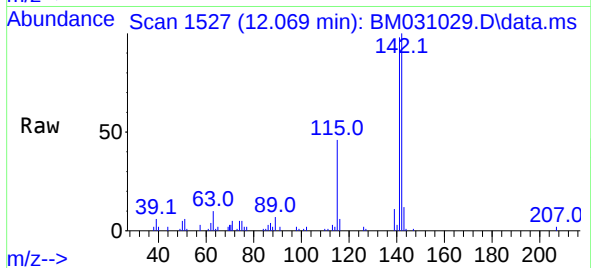
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#37
2-Methylnaphthalene
Concen: 4.337 ng m
RT: 12.069 min Scan# 1527
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

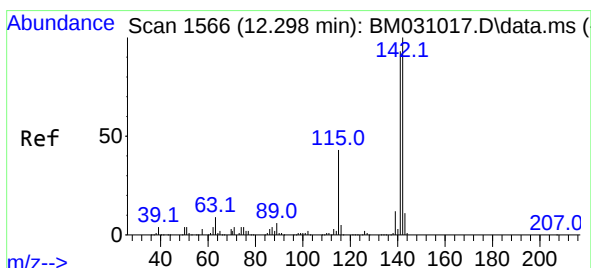
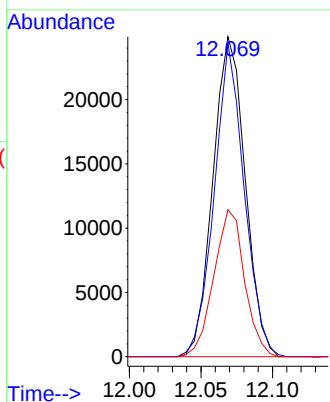
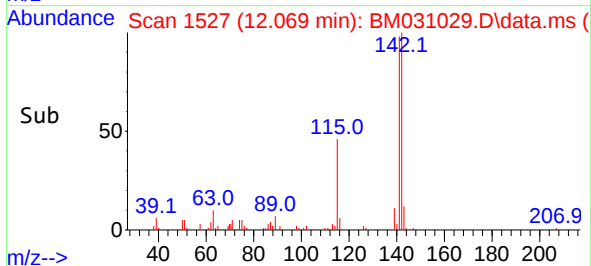
Instrument :
BNA_M
ClientSampleId :
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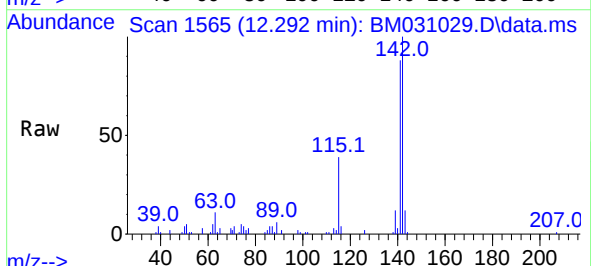
Tgt Ion:142 Resp: 39020
Ion Ratio Lower Upper
142 100
141 97.9 71.7 107.5
115 45.9 29.1 43.7#

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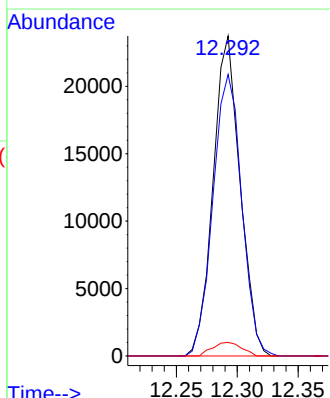
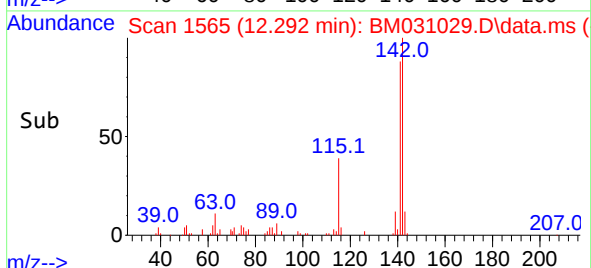
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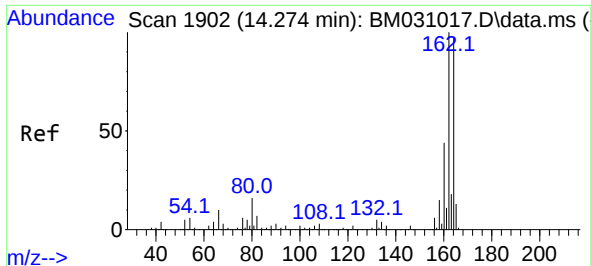


#38
1-Methylnaphthalene
Concen: 4.268 ng
RT: 12.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



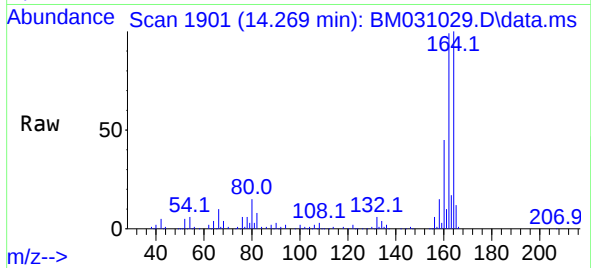
Tgt Ion:142 Resp: 36566
Ion Ratio Lower Upper
142 100
141 87.9 74.2 111.4
116 4.2 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.269 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

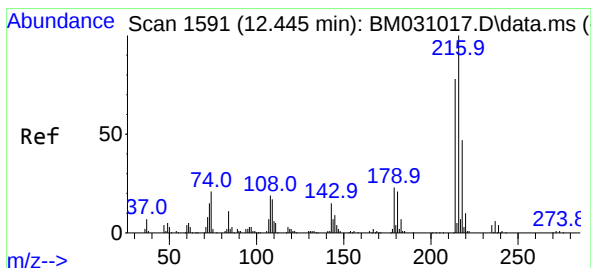
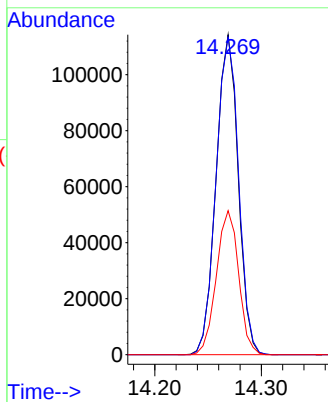
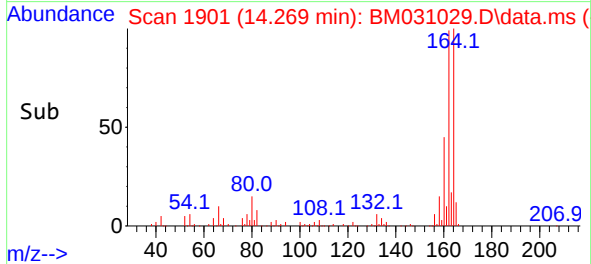
Instrument :
BNA_M
ClientSampleId :
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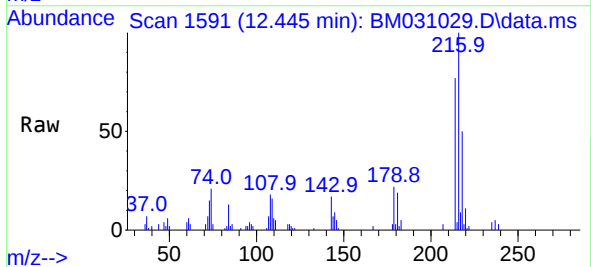
Tgt Ion:164 Resp: 164413
Ion Ratio Lower Upper
164 100
162 99.1 83.4 125.0
160 45.0 37.2 55.8

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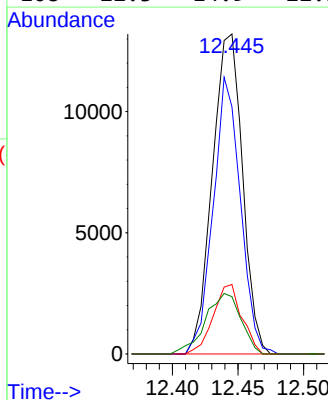
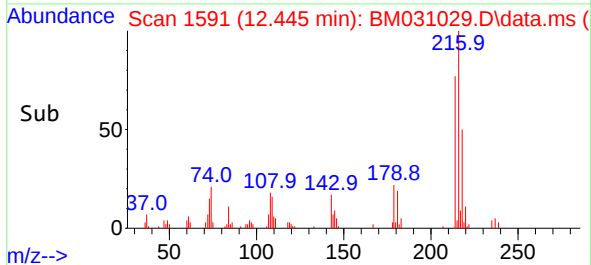
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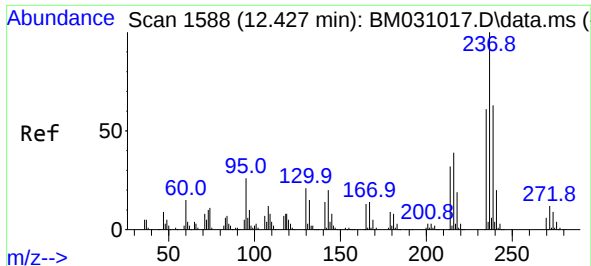


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.608 ng
RT: 12.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



Tgt Ion:216 Resp: 21109
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.4
179 20.6 17.6 26.4
108 22.3 14.9 22.3





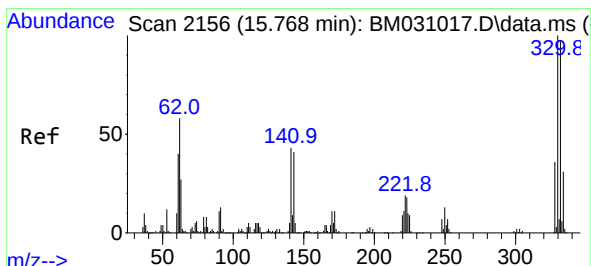
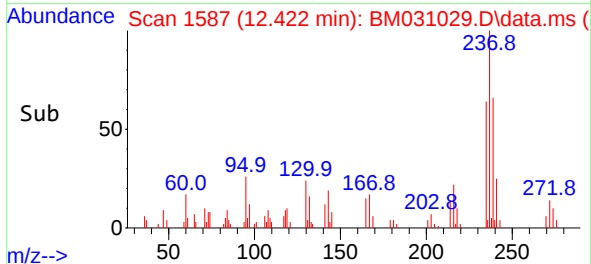
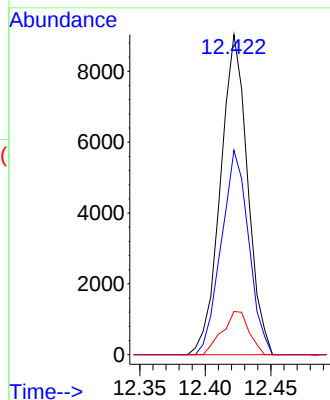
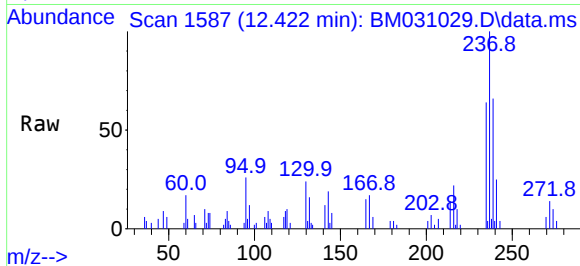
#41
Hexachlorocyclopentadiene
Concen: 5.107 ng
RT: 12.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:	237	Resp:	13015
Ion Ratio	Lower	Upper	
237	100		
235	63.9	42.4	82.4
272	13.5	0.0	31.7

Instrument :
BNA_M
ClientSampleId :
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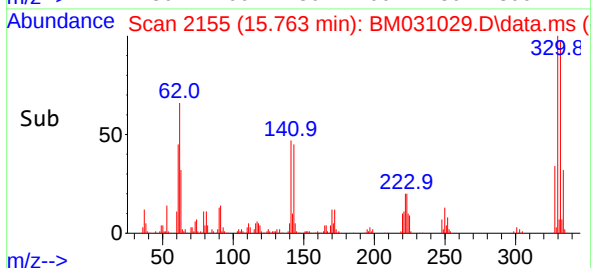
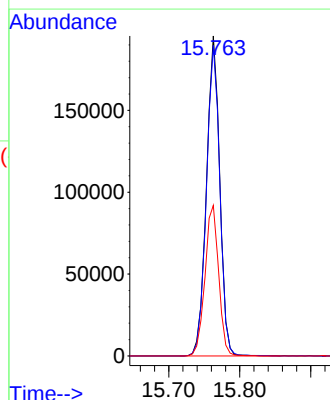
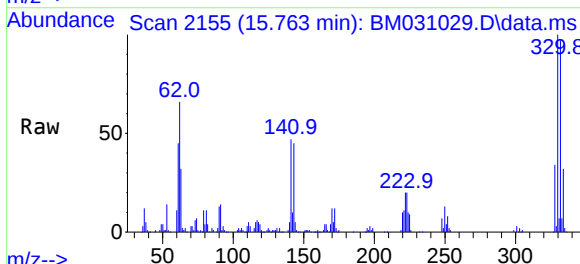
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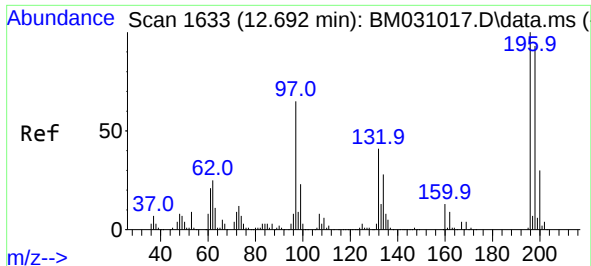
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#42
2,4,6-Tribromophenol
Concen: 118.868 ng
RT: 15.763 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:	330	Resp:	255204
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.0	115.4
141	48.5	30.2	45.2#





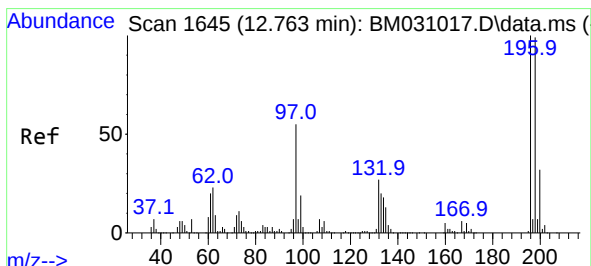
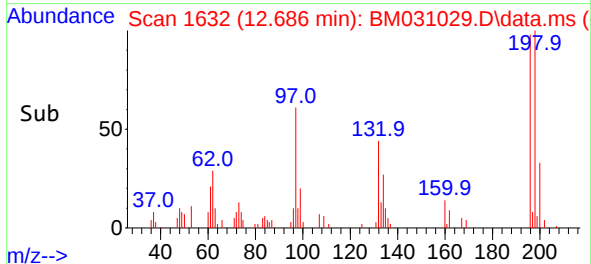
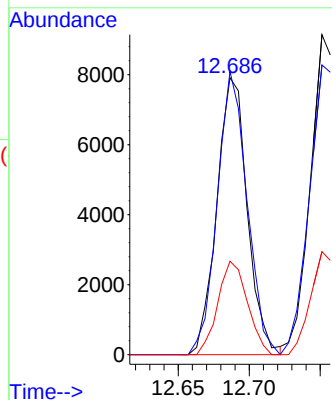
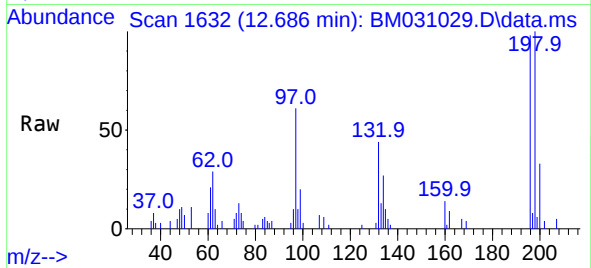
#43
2,4,6-Trichlorophenol
Concen: 3.679 ng
RT: 12.686 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:196	Resp:	11837
Ion Ratio	Lower	Upper
196	100	
198	102.3	77.6 116.4
200	33.8	24.6 37.0

Instrument :
BNA_M
ClientSampleId :
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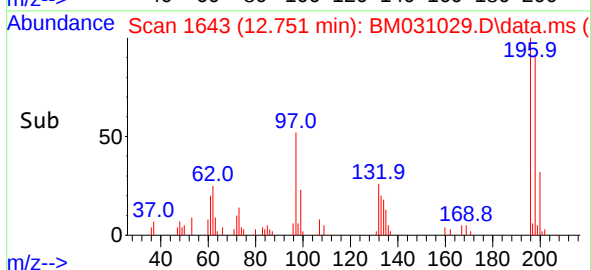
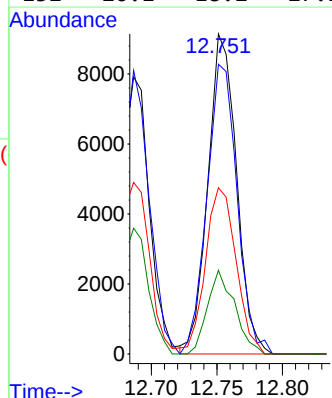
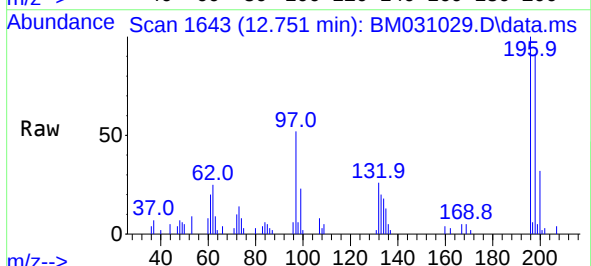
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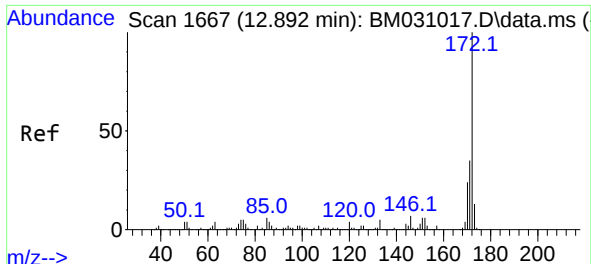
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#44
2,4,5-Trichlorophenol
Concen: 3.905 ng
RT: 12.751 min Scan# 1643
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

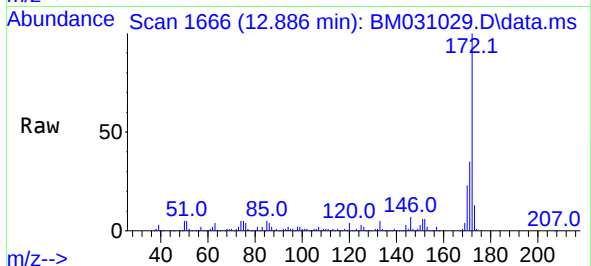
Tgt Ion:196	Resp:	13912
Ion Ratio	Lower	Upper
196	100	
198	90.6	77.0 115.4
97	52.0	36.6 55.0
132	26.1	18.2 27.2





#45
2-Fluorobiphenyl
Concen: 75.391 ng
RT: 12.886 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

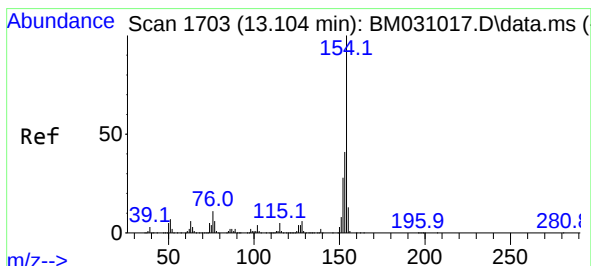
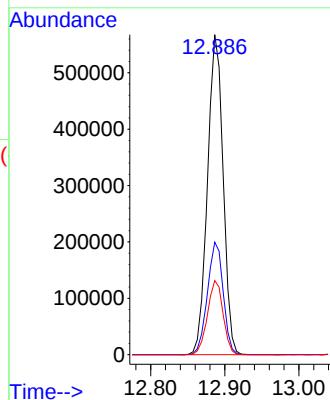
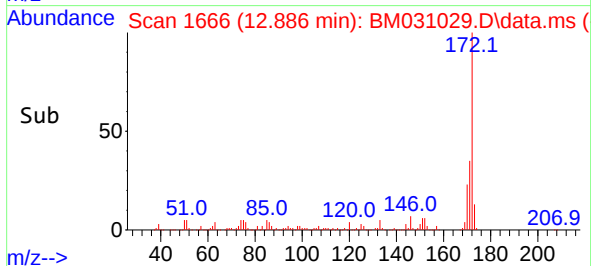
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021



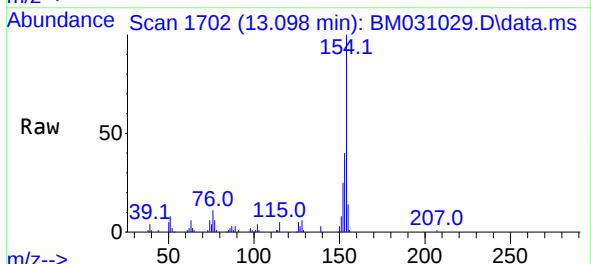
Tgt Ion:172 Resp: 830746
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.1 18.4 27.6

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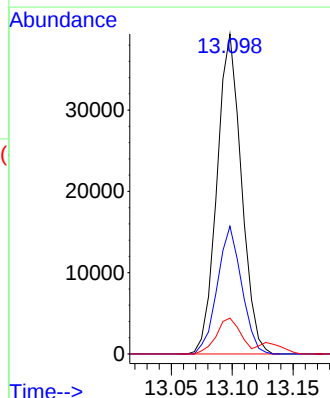
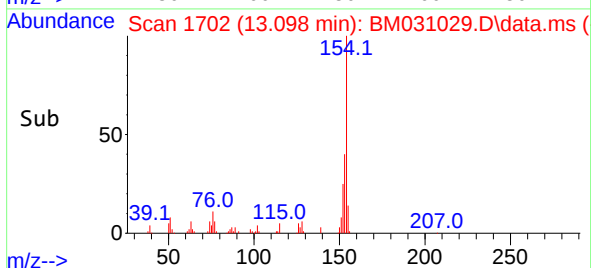
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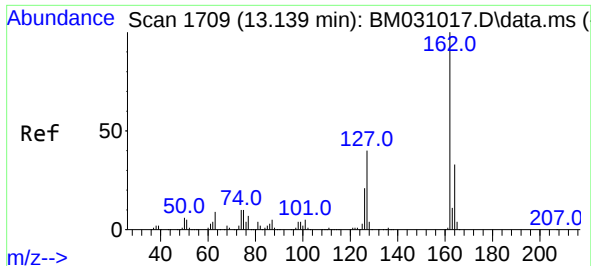


#46
1,1'-Biphenyl
Concen: 4.717 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



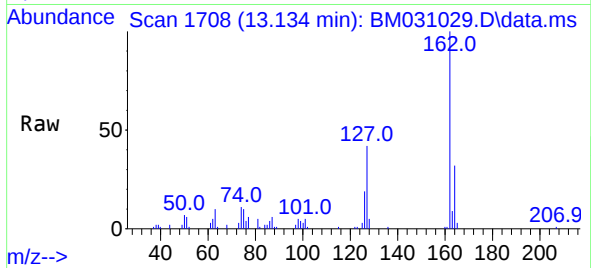
Tgt Ion:154 Resp: 54987
Ion Ratio Lower Upper
154 100
153 39.9 20.7 60.7
76 11.2 0.0 31.0





#47
2-Chloronaphthalene
Concen: 4.497 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

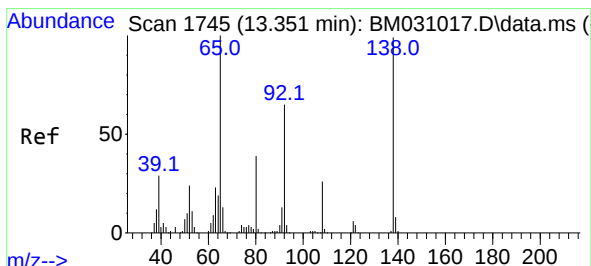
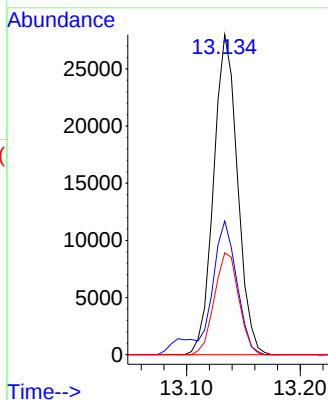
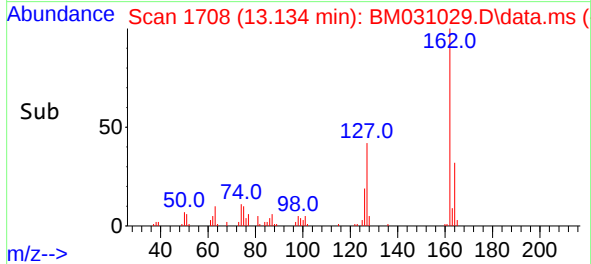
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021



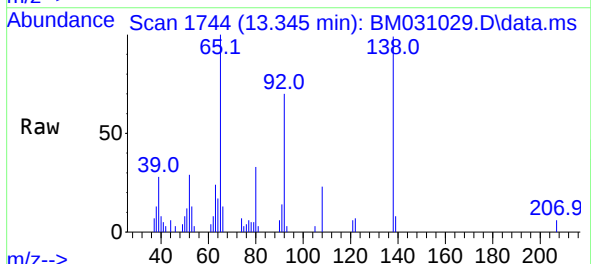
Tgt Ion:162 Resp: 41067
Ion Ratio Lower Upper
162 100
127 41.8 27.1 40.7#
164 31.9 26.1 39.1

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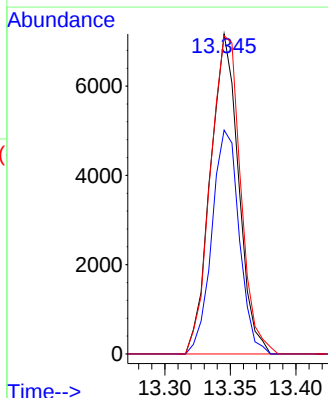
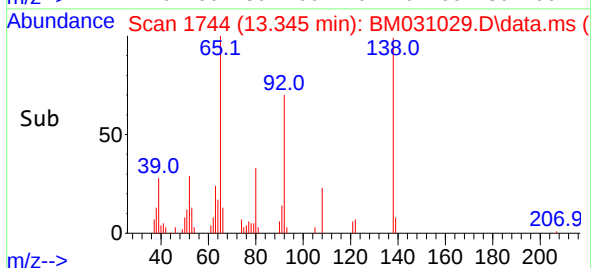
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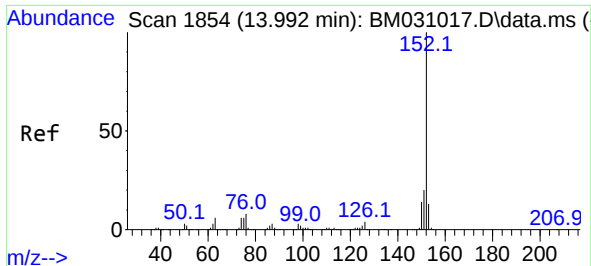


#48
2-Nitroaniline
Concen: 3.677 ng
RT: 13.345 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



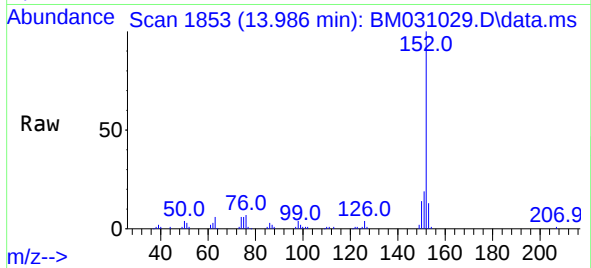
Tgt Ion: 65 Resp: 10699
Ion Ratio Lower Upper
65 100
92 70.0 55.5 83.3
138 99.4 85.7 128.5





#49
Acenaphthylene
Concen: 4.303 ng
RT: 13.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

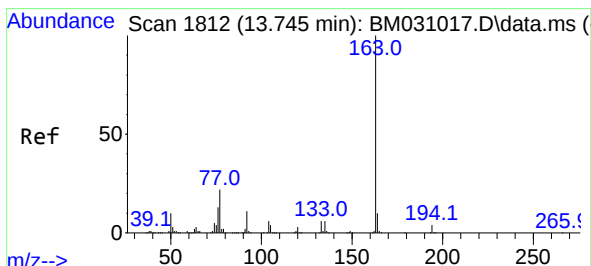
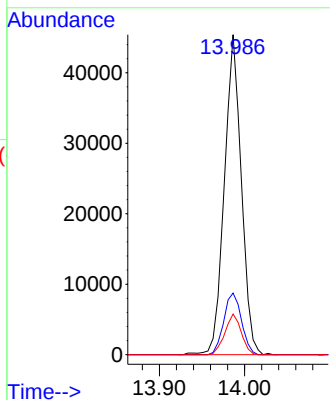
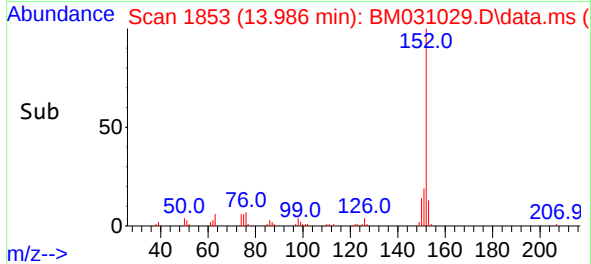
Instrument :
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ClientSampleId :
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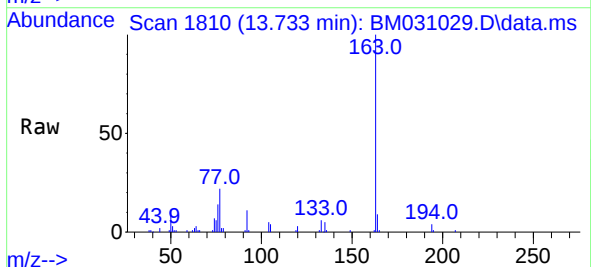
Tgt Ion:152 Resp: 62806
Ion Ratio Lower Upper
152 100
151 19.2 16.3 24.5
153 12.7 10.2 15.4

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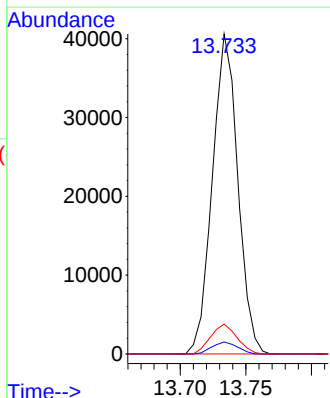
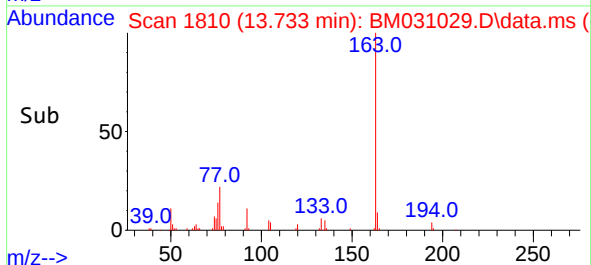
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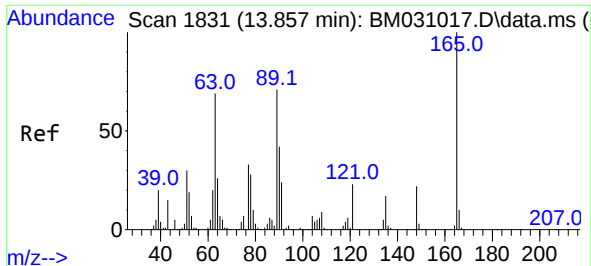


#50
Dimethylphthalate
Concen: 4.434 ng
RT: 13.733 min Scan# 1810
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



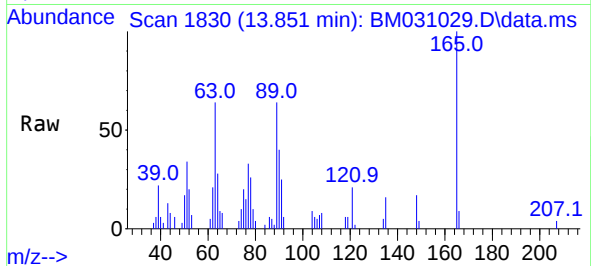
Tgt Ion:163 Resp: 54684
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 3.924 ng
RT: 13.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

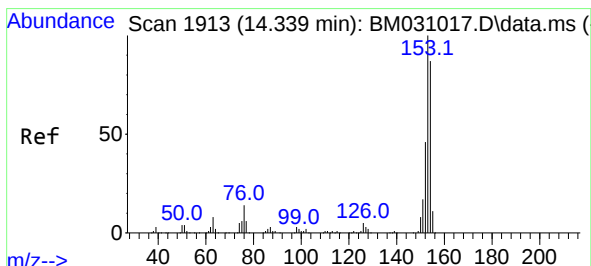
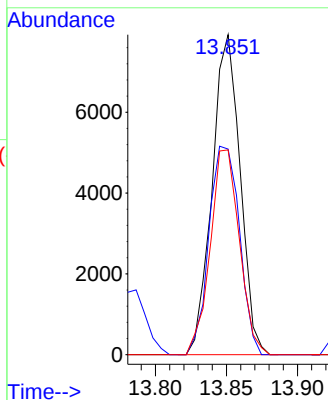
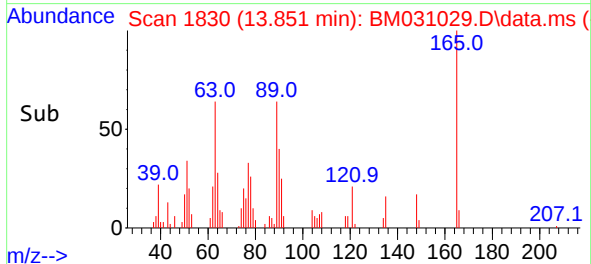
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ClientSampleId :
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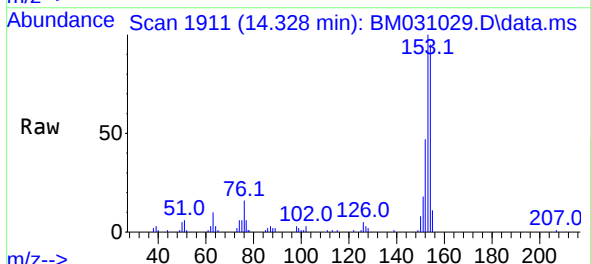
Tgt Ion:	165	Resp:	10839
Ion Ratio	Lower	Upper	
165	100		
63	64.2	45.3	67.9
89	64.0	46.3	69.5

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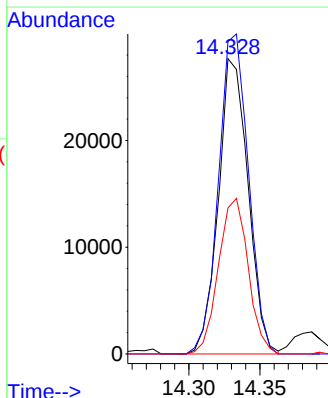
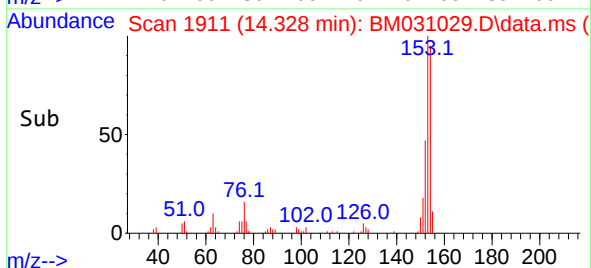
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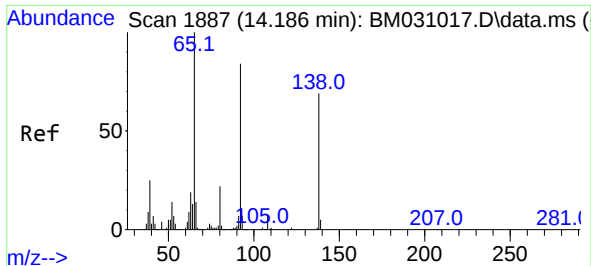


#52
Acenaphthene
Concen: 4.388 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



Tgt Ion:	154	Resp:	40299
Ion Ratio	Lower	Upper	
154	100		
153	105.8	92.2	138.2
152	49.4	43.4	65.2





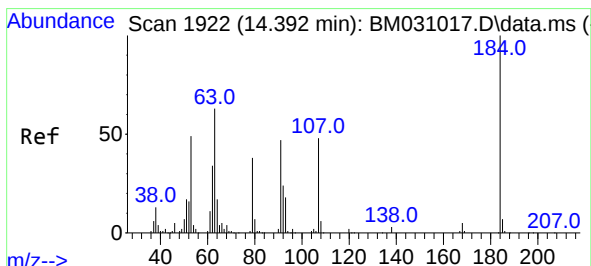
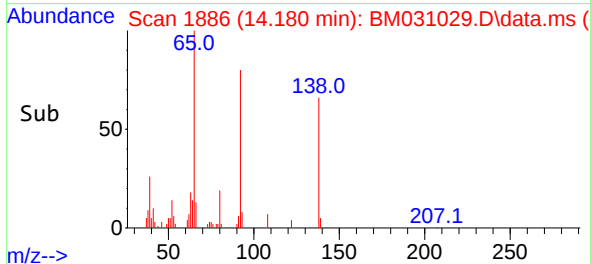
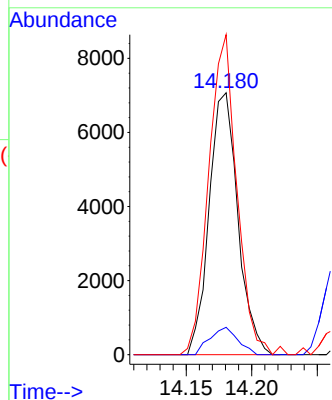
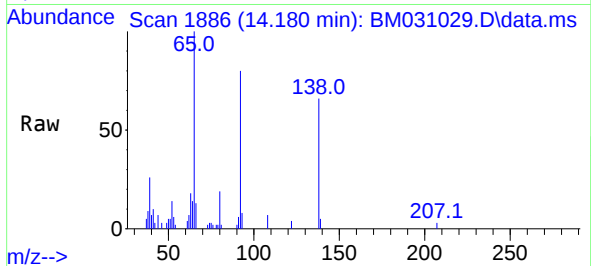
#53
3-Nitroaniline
Concen: 3.867 ng
RT: 14.180 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:138 Resp: 10792
Ion Ratio Lower Upper
138 100
108 10.5 7.7 11.5
92 122.1 92.6 138.8

Instrument :
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ClientSampleId :
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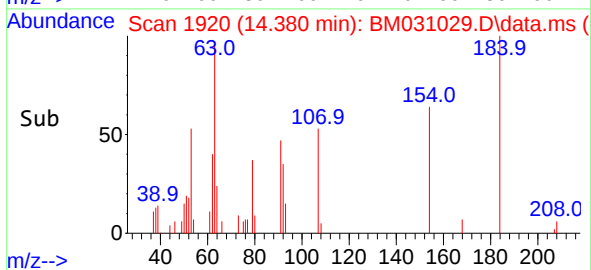
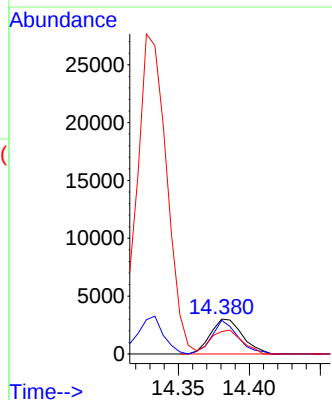
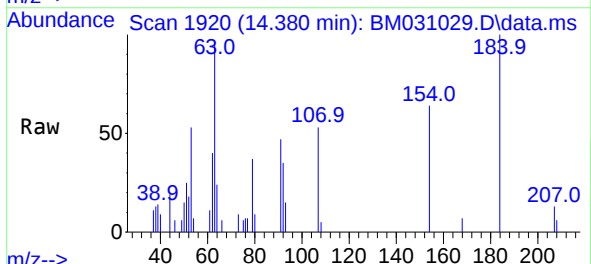
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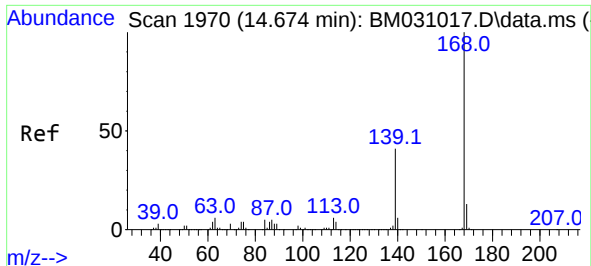
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#54
2,4-Dinitrophenol
Concen: 2.881 ng
RT: 14.380 min Scan# 1920
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

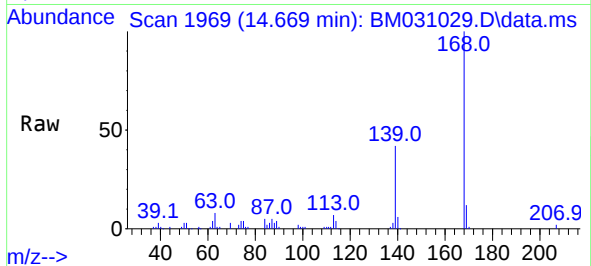
Tgt Ion:184 Resp: 4693
Ion Ratio Lower Upper
184 100
63 96.3 54.2 81.2#
154 64.4 56.1 84.1





#55
Dibenzenofuran
Concen: 4.258 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

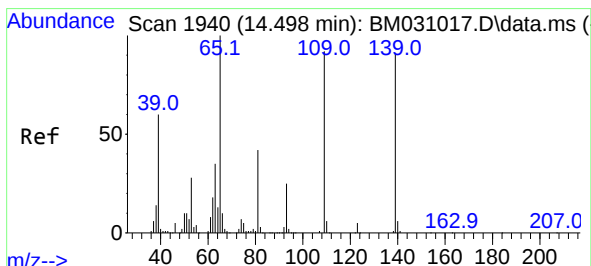
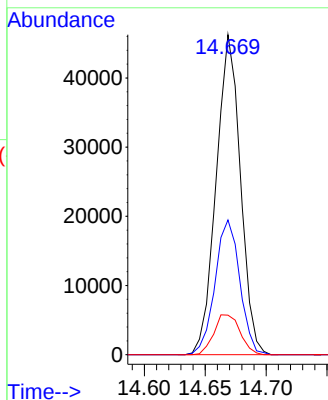
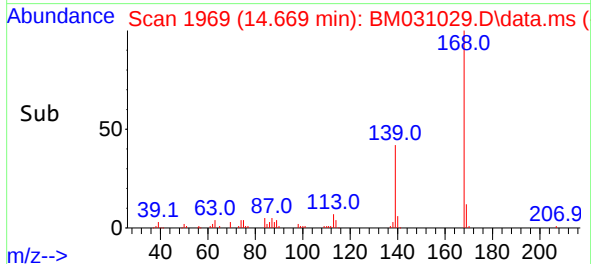
Instrument :
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ClientSampleId :
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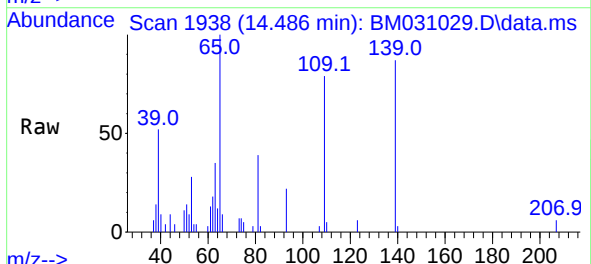
Tgt Ion:168 Resp: 64136
Ion Ratio Lower Upper
168 100
139 42.1 29.4 44.0
169 12.4 10.8 16.2

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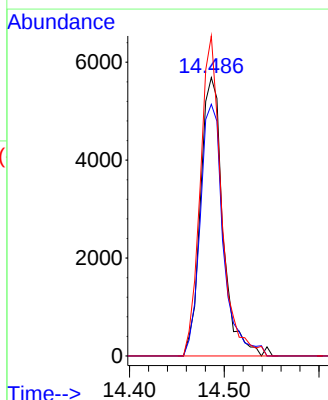
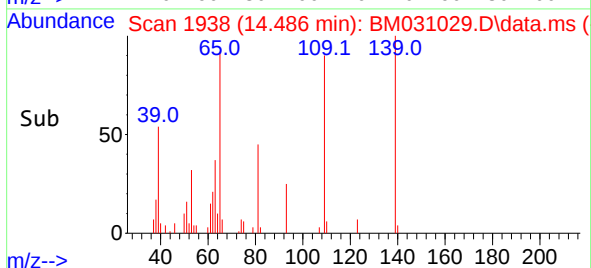
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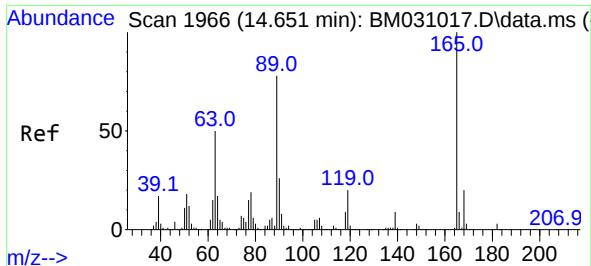


#56
4-Nitrophenol
Concen: 3.775 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



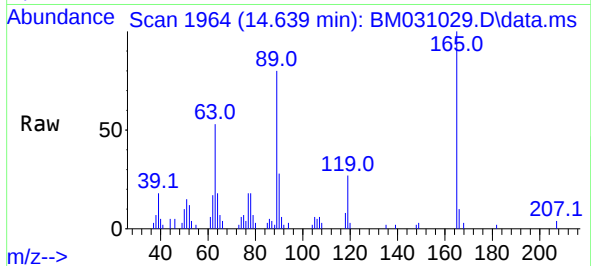
Tgt Ion:139 Resp: 9316
Ion Ratio Lower Upper
139 100
109 90.4 64.5 104.5
65 114.9 78.9 118.9





#57
2,4-Dinitrotoluene
Concen: 3.391 ng
RT: 14.639 min Scan# 1964
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

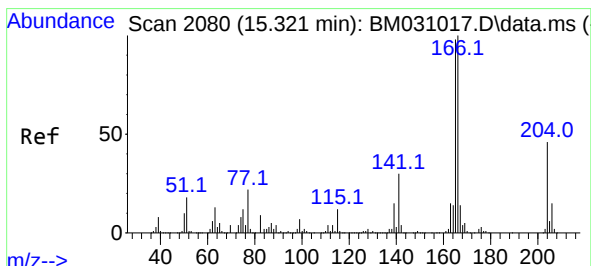
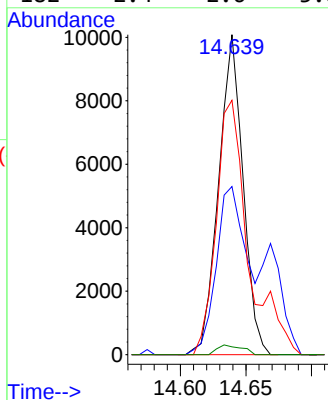
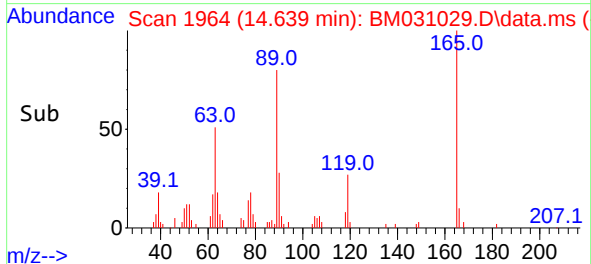
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021



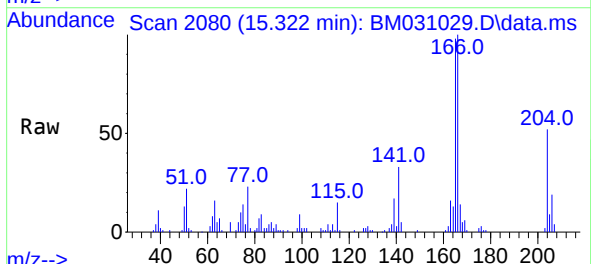
Tgt Ion:165 Resp: 13044
Ion Ratio Lower Upper
165 100
63 52.5 35.0 52.4#
89 79.5 55.2 82.8
182 2.4 2.6 3.8#

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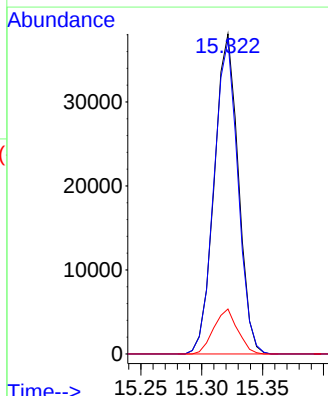
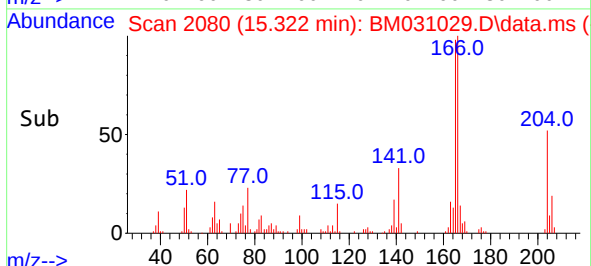
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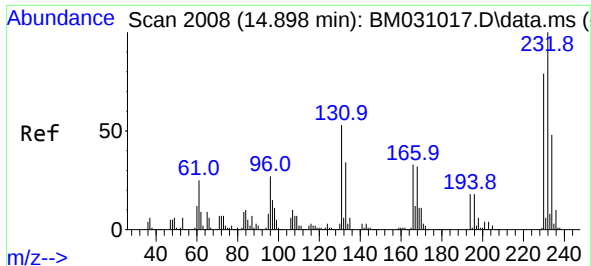


#58
Fluorene
Concen: 4.107 ng
RT: 15.322 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

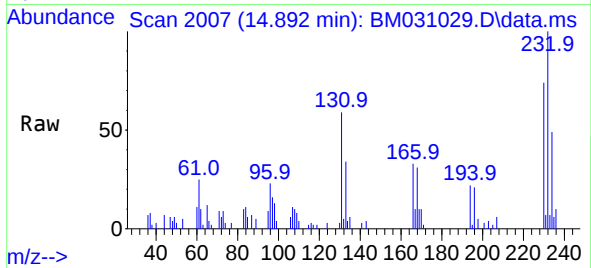


Tgt Ion:166 Resp: 52187
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.6
167 14.1 10.8 16.2

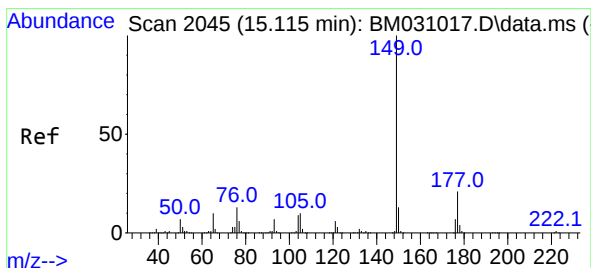
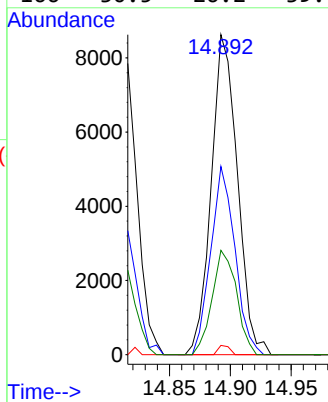
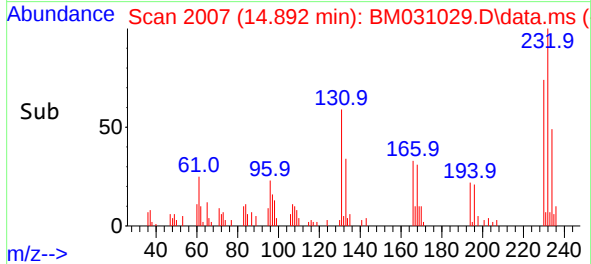




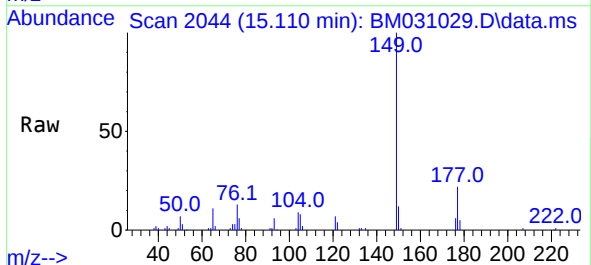
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.887 ng
RT: 14.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



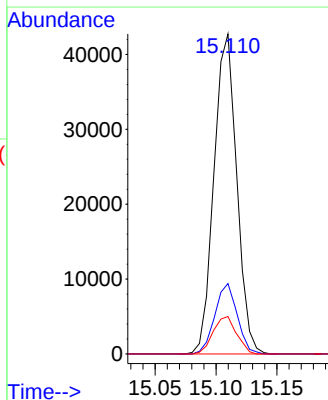
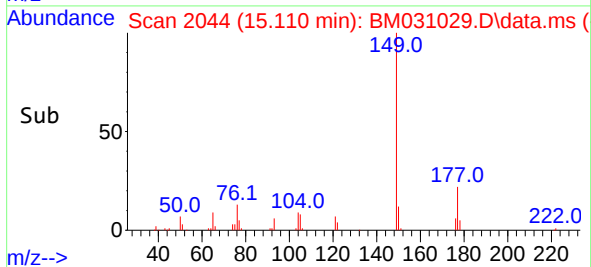
Tgt Ion:232 Resp: 12906
Ion Ratio Lower Upper
232 100
131 54.6 34.4 51.6#
130 1.3 2.2 3.2#
166 30.5 26.2 39.4



#60
Diethylphthalate
Concen: 4.209 ng
RT: 15.110 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



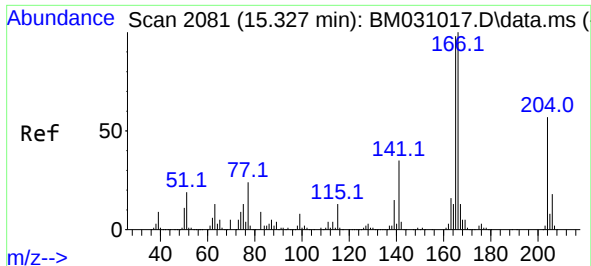
Tgt Ion:149 Resp: 55644
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 11.7 10.3 15.5



Instrument :
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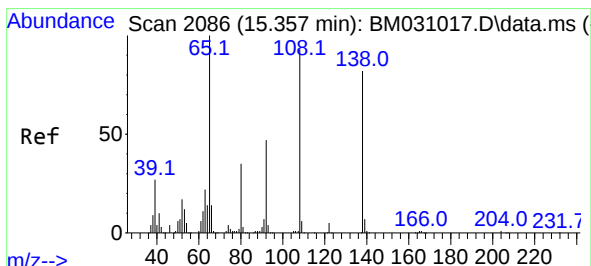
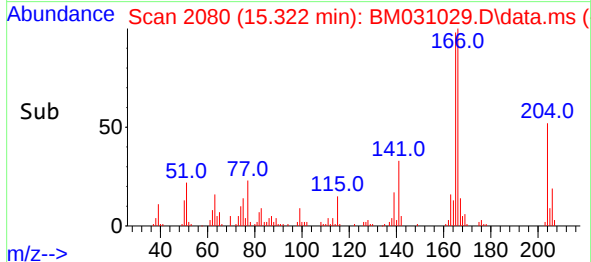
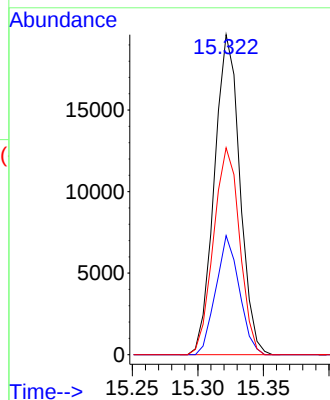
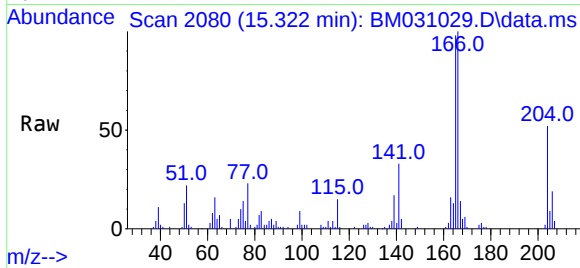
#61
4-Chlorophenyl-phenylether
Concen: 4.211 ng
RT: 15.322 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	37.2	25.5	38.3
141	64.6	40.3	60.5#

Instrument :
BNA_M
ClientSampleId :
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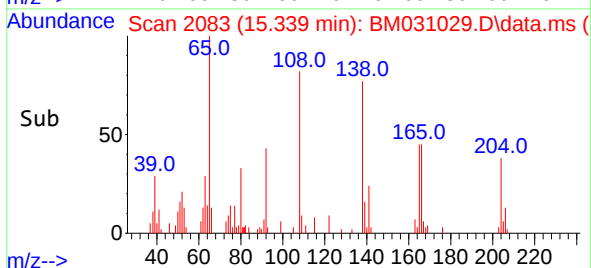
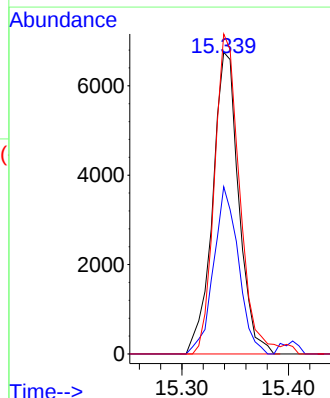
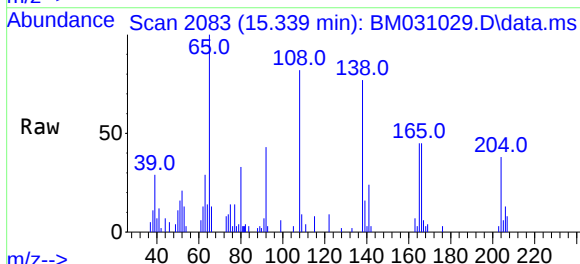
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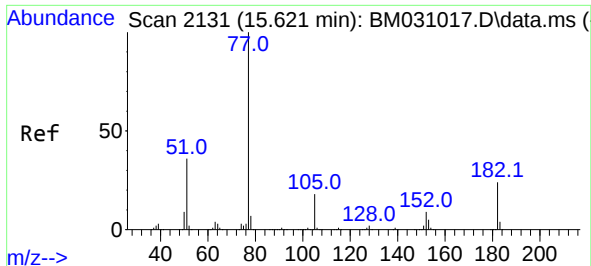
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#62
4-Nitroaniline
Concen: 3.728 ng
RT: 15.339 min Scan# 2083
Delta R.T. -0.017 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.4	33.4	73.4
108	106.0	75.5	115.5





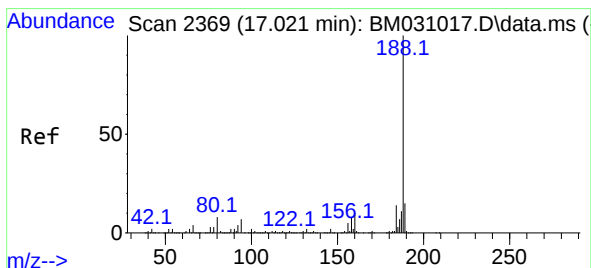
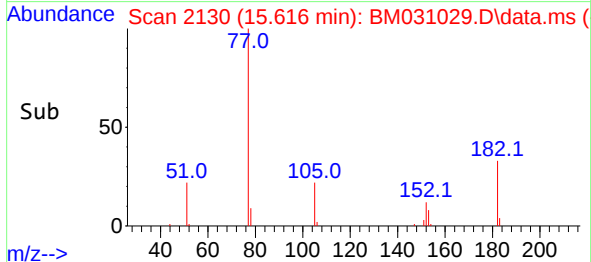
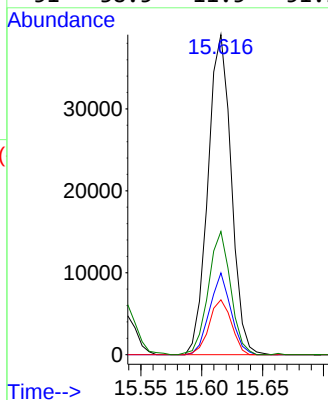
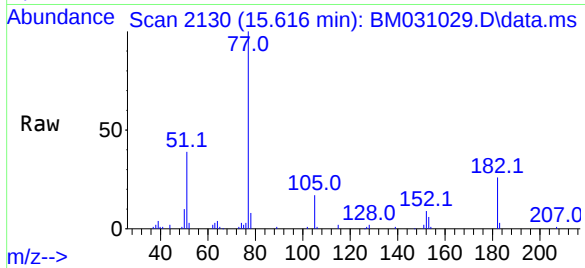
#63
Azobenzene
Concen: 3.959 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 77	Resp: 52101
Ion Ratio	Lower Upper
77 100	
182 25.6	6.8 46.8
105 17.2	0.0 36.6
51 38.5	11.5 51.5

Instrument :
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ClientSampleId :
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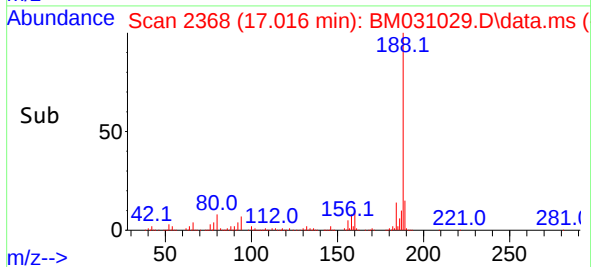
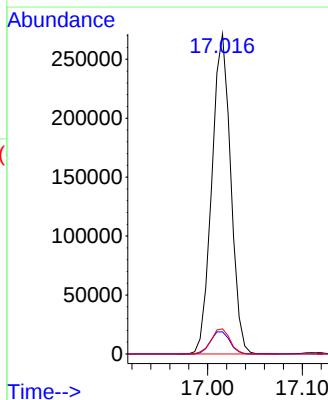
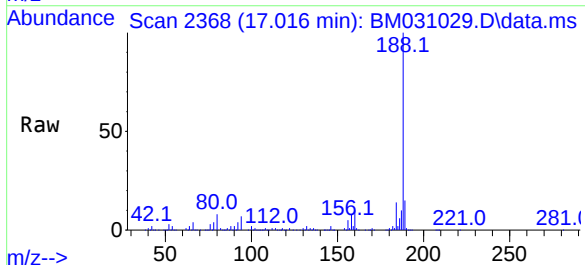
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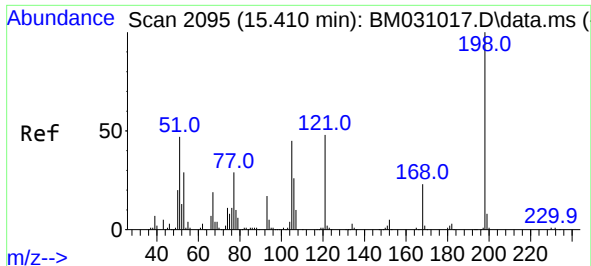
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.016 min Scan# 2368
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

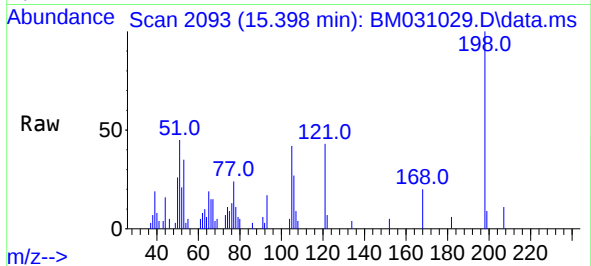
Tgt Ion: 188	Resp: 375152
Ion Ratio	Lower Upper
188 100	
94 6.9	6.0 9.0
80 7.8	6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 3.128 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

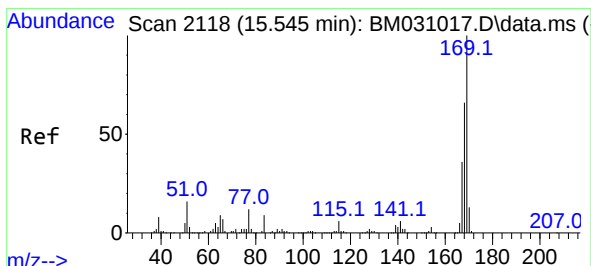
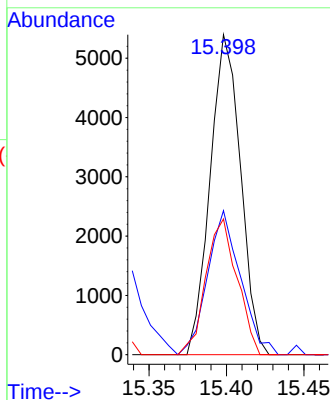
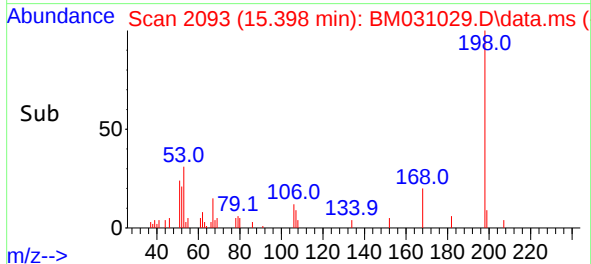
Instrument :
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ClientSampleId :
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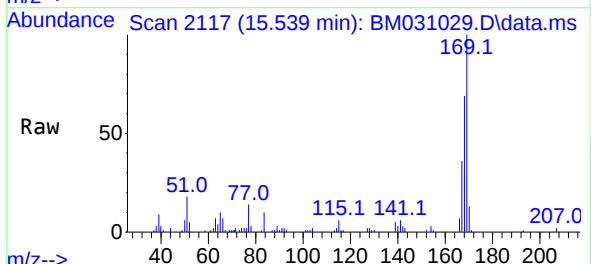
Tgt Ion:198 Resp: 7361
Ion Ratio Lower Upper
198 100
51 45.0 18.9 58.9
105 42.4 17.6 57.6

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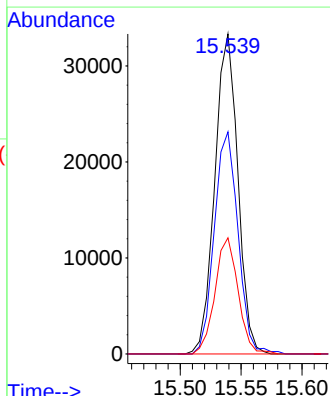
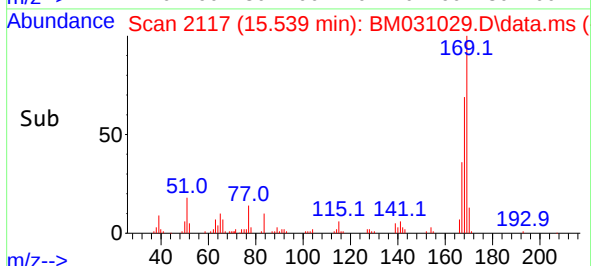
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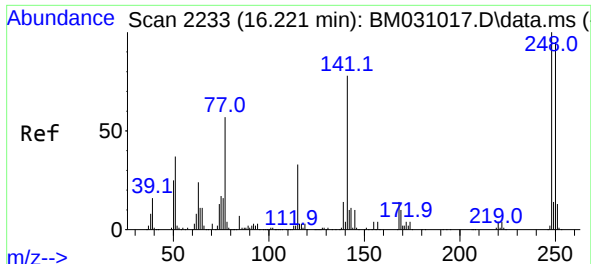


#66
n-Nitrosodiphenylamine
Concen: 3.985 ng
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



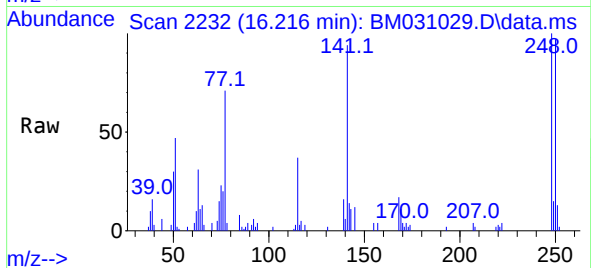
Tgt Ion:169 Resp: 43942
Ion Ratio Lower Upper
169 100
168 69.4 54.2 81.2
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 4.145 ng
RT: 16.216 min Scan# 2232
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

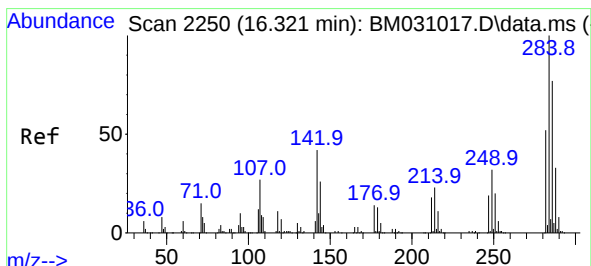
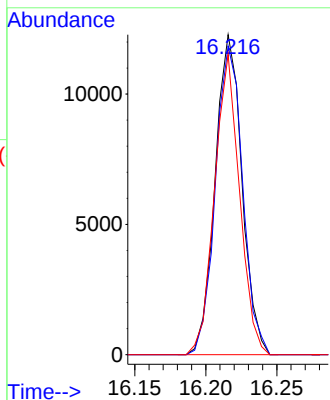
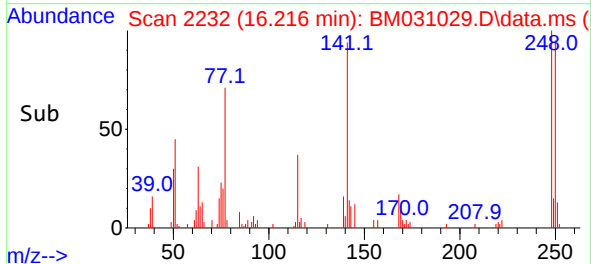
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ClientSampleId :
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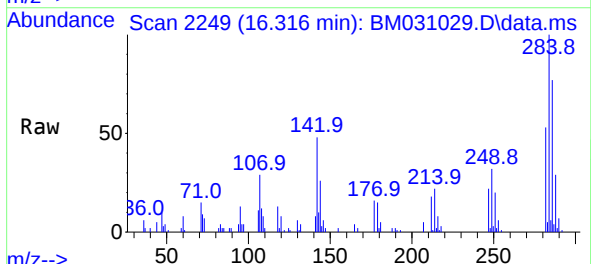
Tgt Ion:248 Resp: 16088
Ion Ratio Lower Upper
248 100
250 96.5 77.9 116.9
141 93.8 56.2 84.2#

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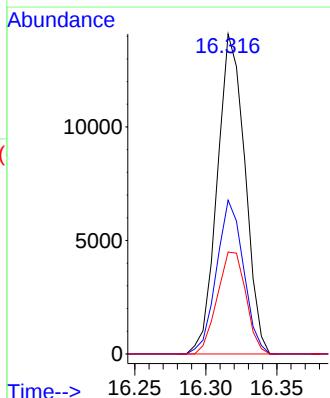
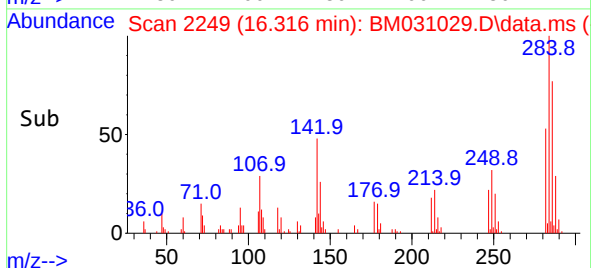
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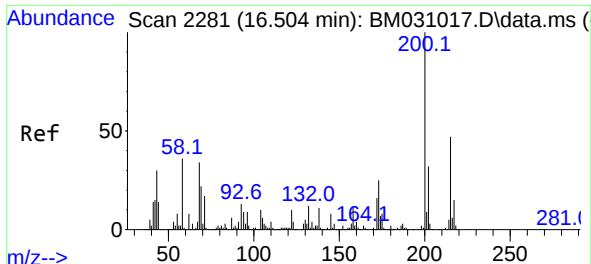


#68
Hexachlorobenzene
Concen: 4.363 ng
RT: 16.316 min Scan# 2249
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



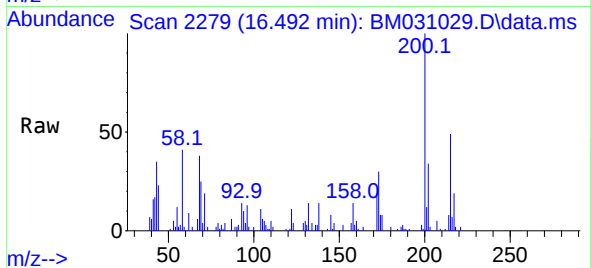
Tgt Ion:284 Resp: 19082
Ion Ratio Lower Upper
284 100
142 48.0 29.0 43.4#
249 34.9 26.0 39.0





#69
Atrazine
Concen: 4.384 ng
RT: 16.492 min Scan# 2279
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

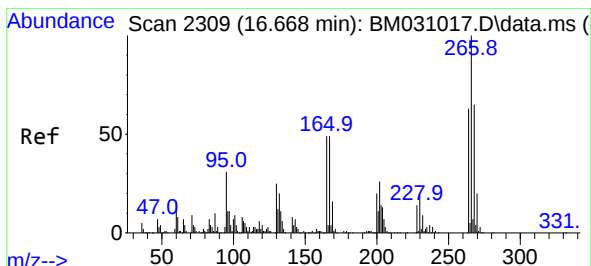
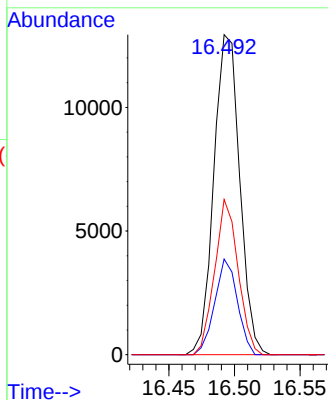
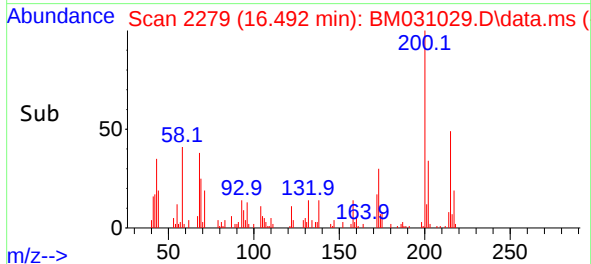
Instrument :
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ClientSampleId :
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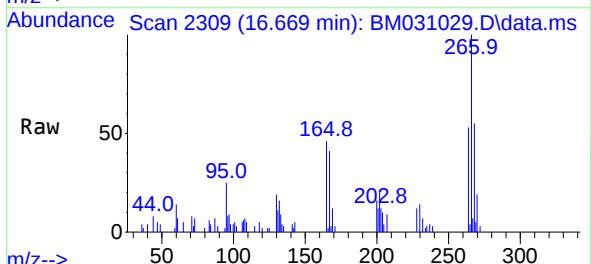
Tgt Ion:200 Resp: 17745
Ion Ratio Lower Upper
200 100
173 29.9 3.8 43.8
215 48.5 24.8 64.8

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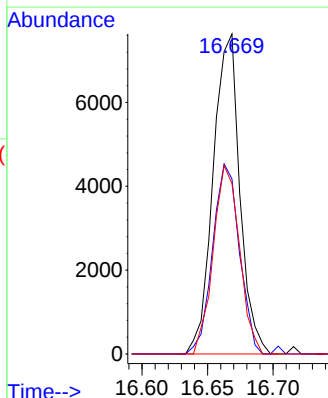
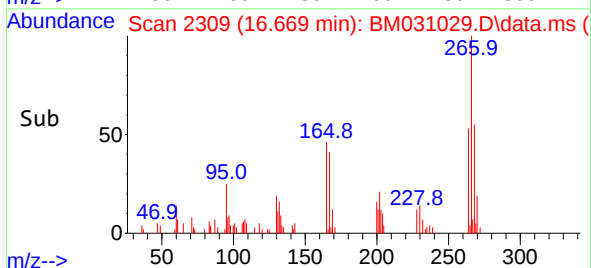
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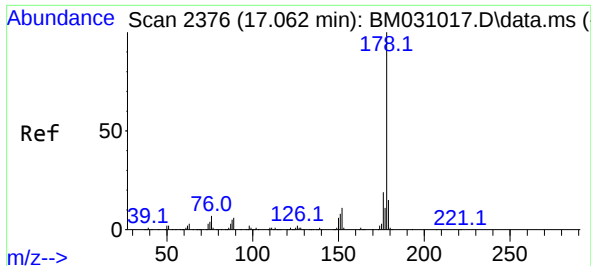


#70
Pentachlorophenol
Concen: 3.775 ng
RT: 16.669 min Scan# 2309
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



Tgt Ion:266 Resp: 10796
Ion Ratio Lower Upper
266 100
268 54.7 52.8 79.2
264 53.2 51.9 77.9





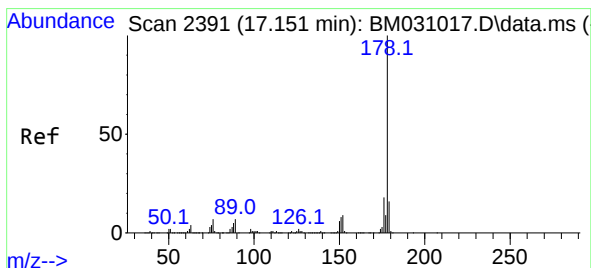
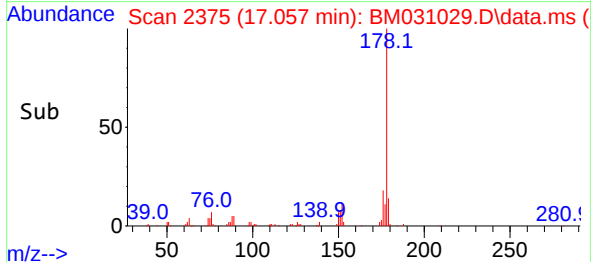
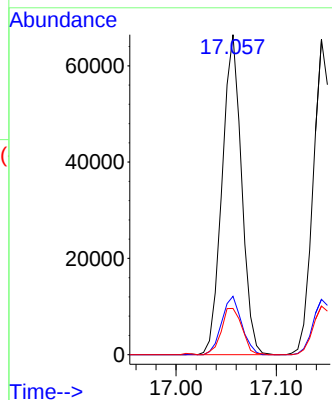
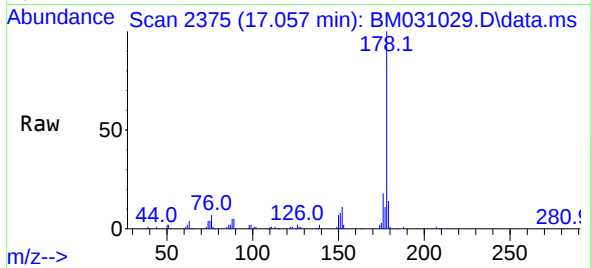
#71
Phenanthrene
Concen: 4.306 ng
RT: 17.057 min Scan# 2375
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:178	Resp:	89447
Ion Ratio	Lower	Upper
178	100	
176	18.3	15.4 23.0
179	14.4	12.2 18.4

Instrument :
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ClientSampleId :
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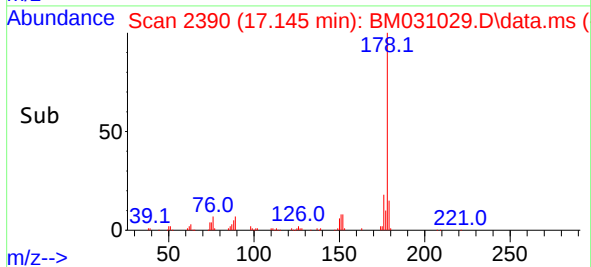
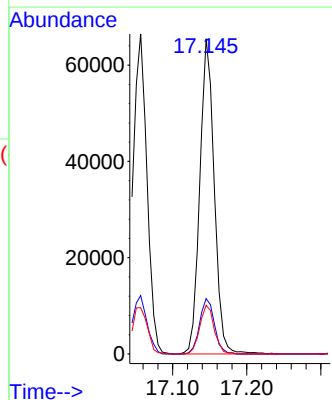
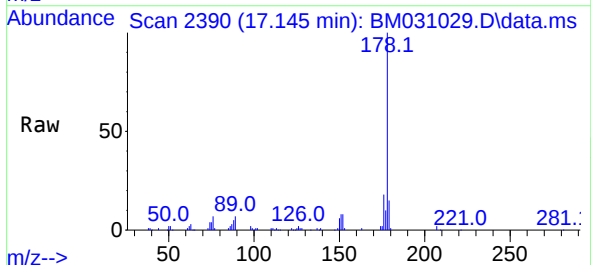
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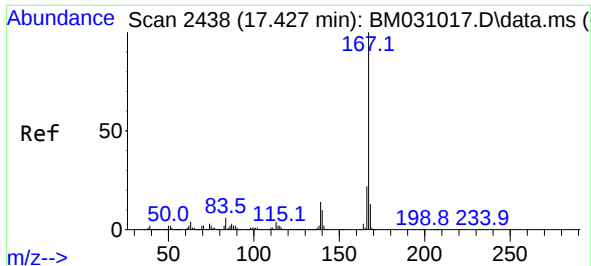
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#72
Anthracene
Concen: 4.323 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:178	Resp:	88568
Ion Ratio	Lower	Upper
178	100	
176	17.5	15.0 22.4
179	15.4	12.5 18.7





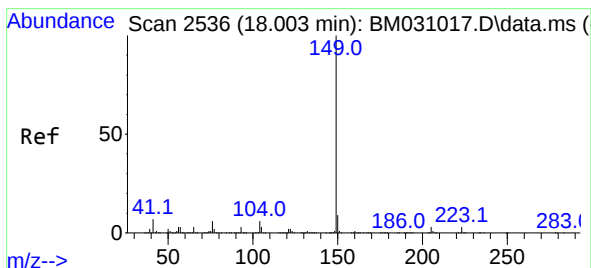
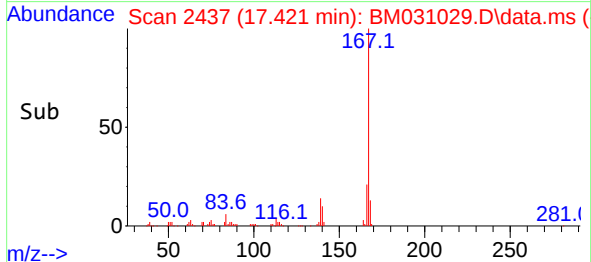
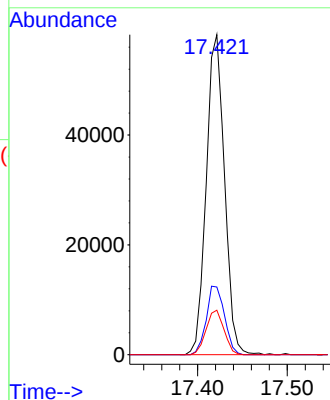
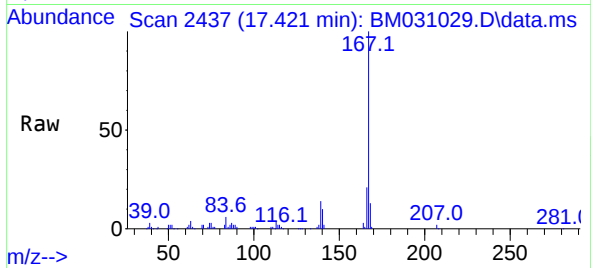
#73
Carbazole
Concen: 4.056 ng
RT: 17.421 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:167	Resp:	82255
Ion Ratio	Lower	Upper
167	100	
166	21.2	17.4 26.0
139	13.9	9.8 14.6

Instrument :
BNA_M
ClientSampleId :
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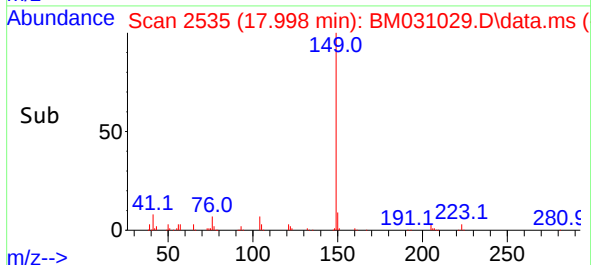
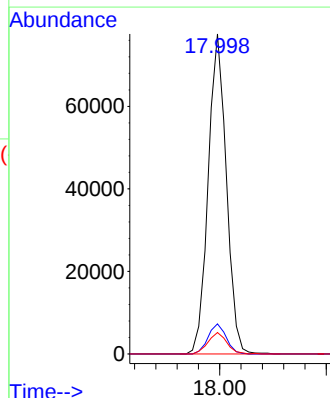
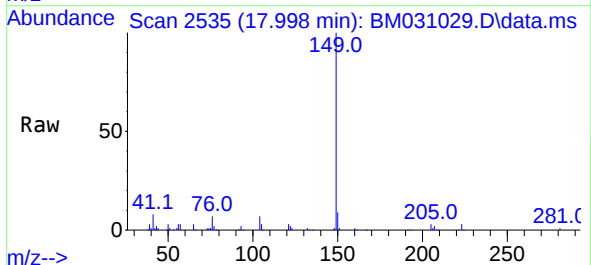
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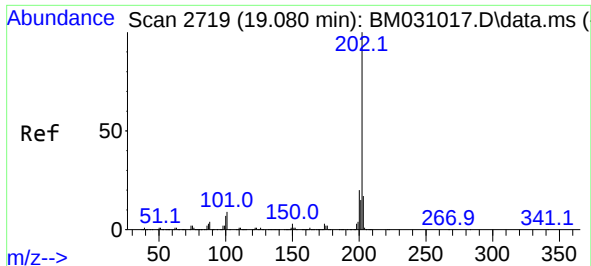
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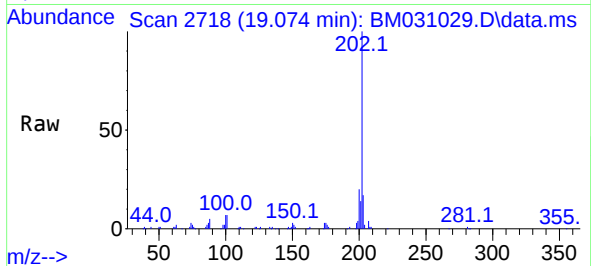
#74
Di-n-butylphthalate
Concen: 3.855 ng
RT: 17.998 min Scan# 2535
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:149	Resp:	91834
Ion Ratio	Lower	Upper
149	100	
150	9.4	7.2 10.8
104	6.7	4.3 6.5

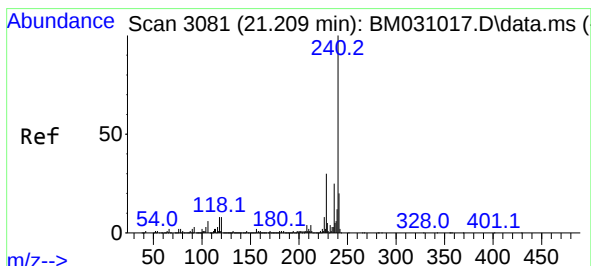
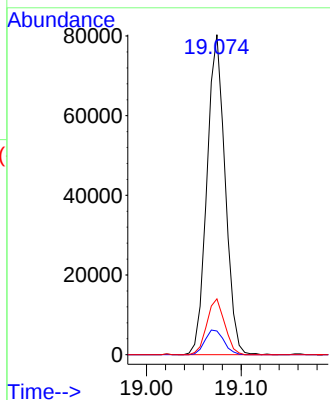
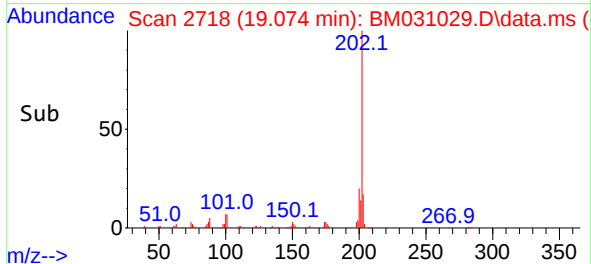




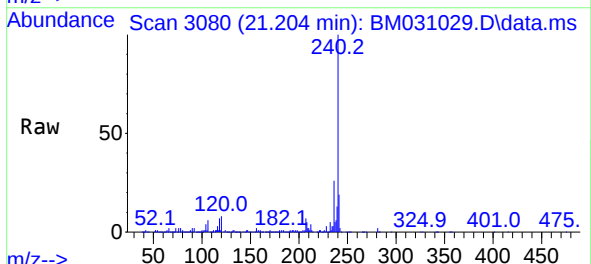
#75
Fluoranthene
Concen: 4.107 ng
RT: 19.074 min Scan# 2718
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



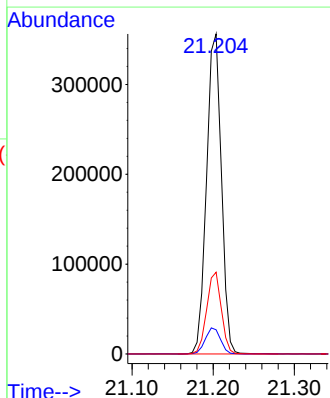
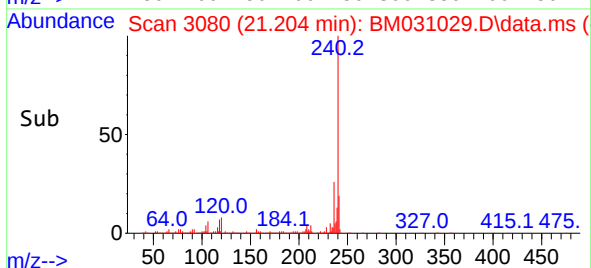
Tgt Ion:202 Resp: 106785
Ion Ratio Lower Upper
202 100
101 7.4 0.0 28.6
203 17.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



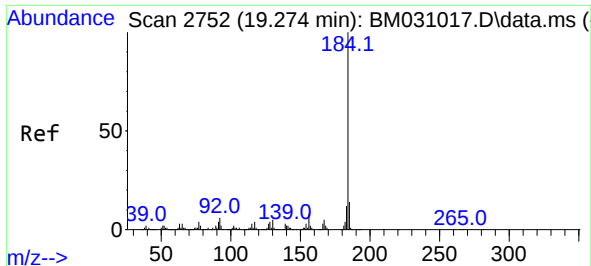
Tgt Ion:240 Resp: 451221
Ion Ratio Lower Upper
240 100
120 7.6 7.0 10.6
236 25.5 21.0 31.4



Instrument :
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ClientSampleId :
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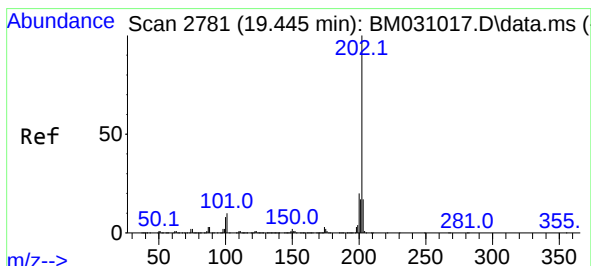
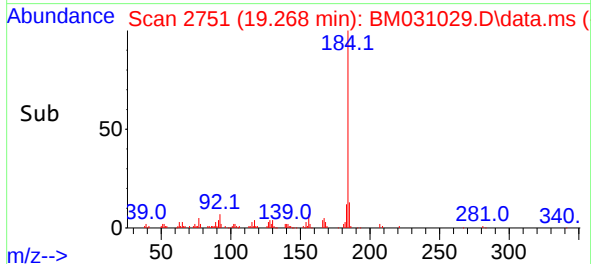
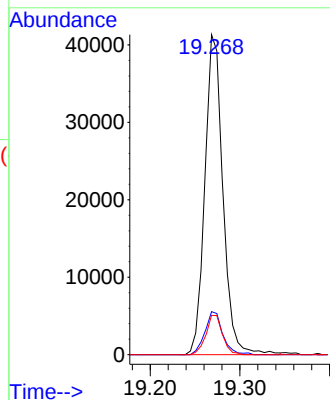
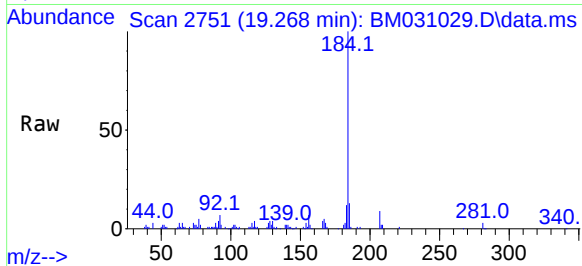
#77
Benzidine
Concen: 5.189 ng
RT: 19.268 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:	184	Resp:	57805
Ion Ratio	Lower	Upper	
184	100		
185	13.5	10.9	16.3
183	12.3	9.8	14.8

Instrument :
BNA_M
ClientSampleId :
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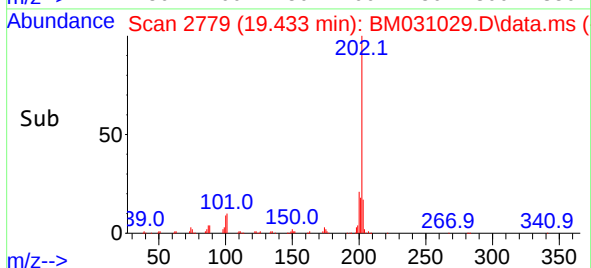
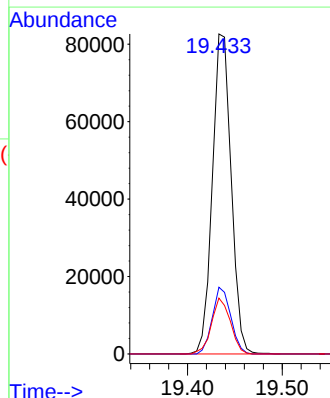
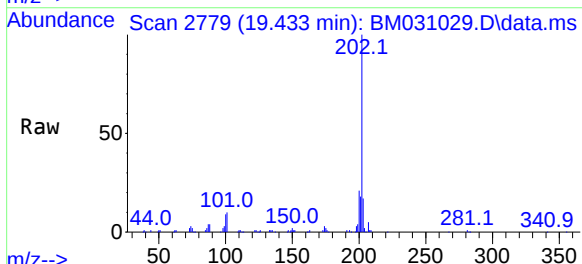
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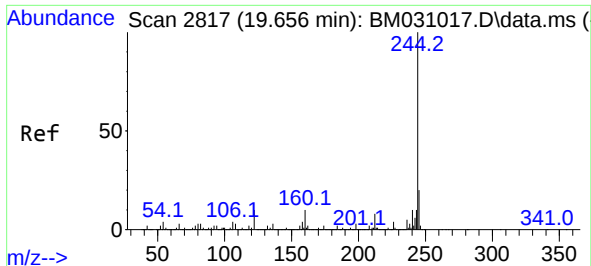
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#78
Pyrene
Concen: 4.037 ng
RT: 19.433 min Scan# 2779
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

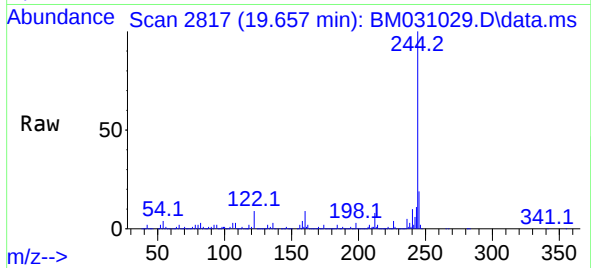
Tgt Ion:	202	Resp:	113754
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.3	25.9
203	17.4	13.9	20.9





#79
 Terphenyl-d14
 Concen: 76.468 ng
 RT: 19.657 min Scan# 2817
 Delta R.T. 0.000 min
 Lab File: BM031029.D
 Acq: 20 Jul 2021 19:00

Instrument :
 BNA_M
 ClientSampleId :
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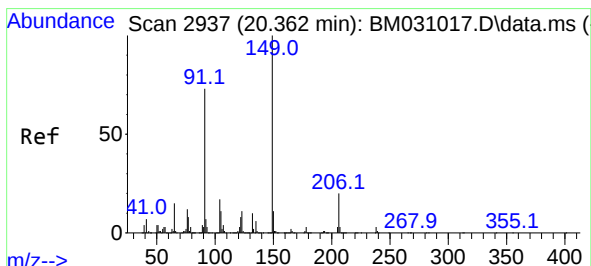
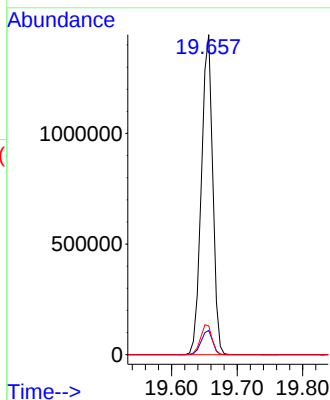
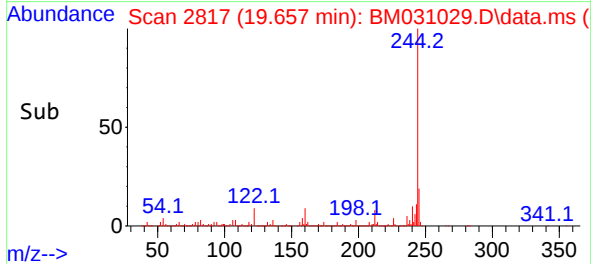


Tgt Ion:244 Resp: 1743917

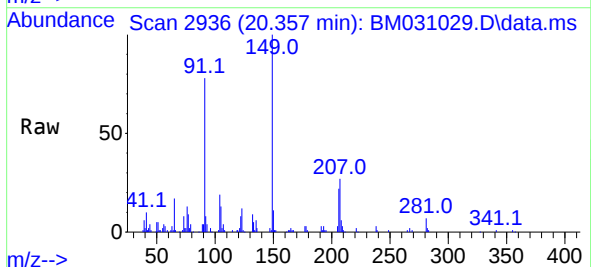
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	9.0	6.9	10.3

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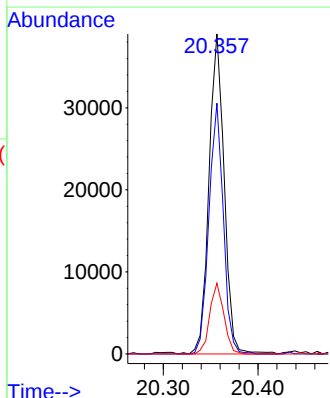
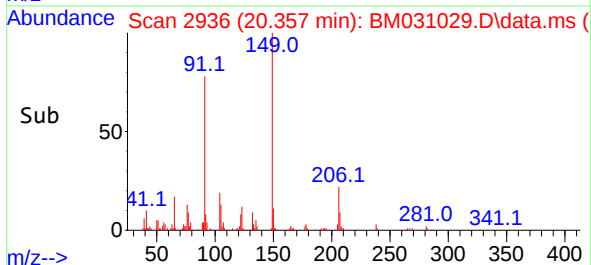


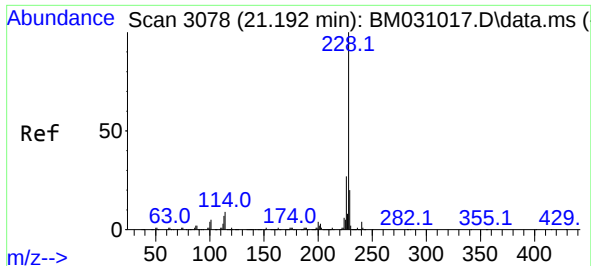
#80
 Butylbenzylphthalate
 Concen: 3.613 ng
 RT: 20.357 min Scan# 2936
 Delta R.T. -0.006 min
 Lab File: BM031029.D
 Acq: 20 Jul 2021 19:00



Tgt Ion:149 Resp: 43471

Ion	Ratio	Lower	Upper
149	100		
91	78.3	57.4	86.0
206	22.1	16.6	25.0





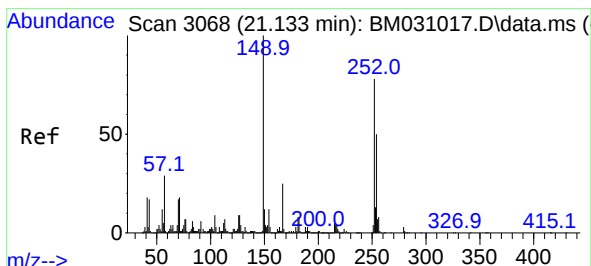
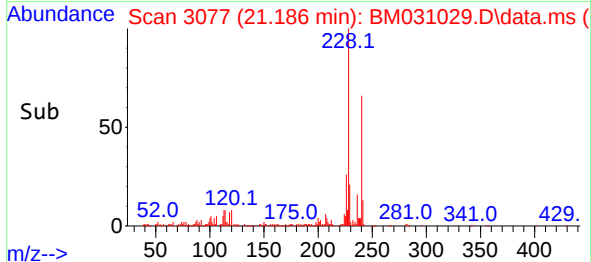
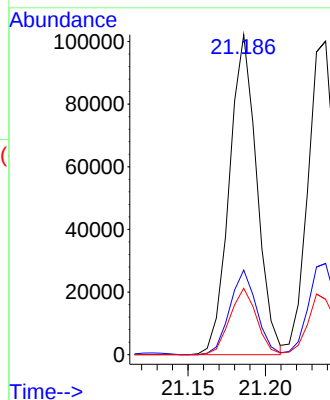
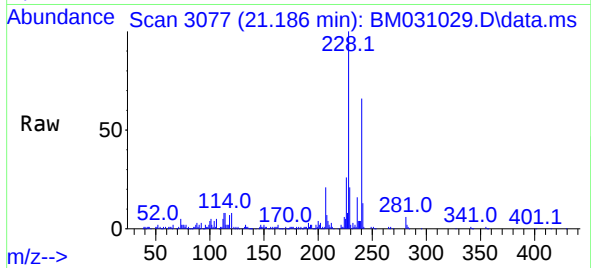
#81
Benzo(a)anthracene
Concen: 4.208 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:228 Resp: 125836
Ion Ratio Lower Upper
228 100
226 26.5 22.3 33.5
229 20.8 15.7 23.5

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

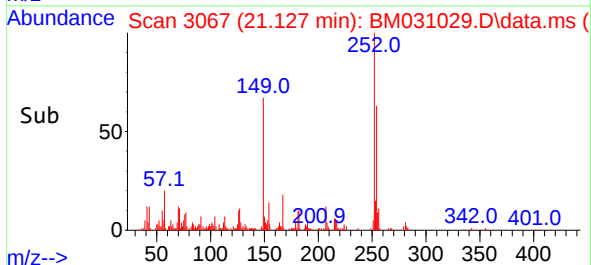
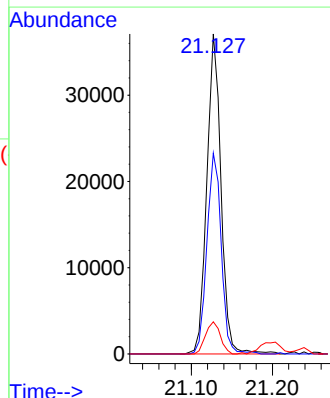
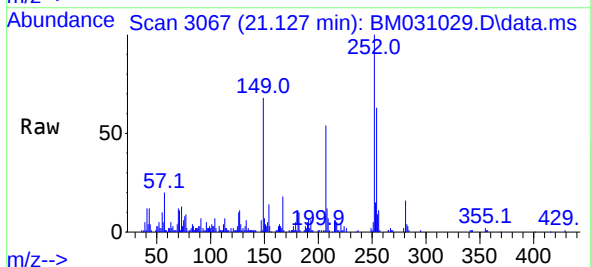
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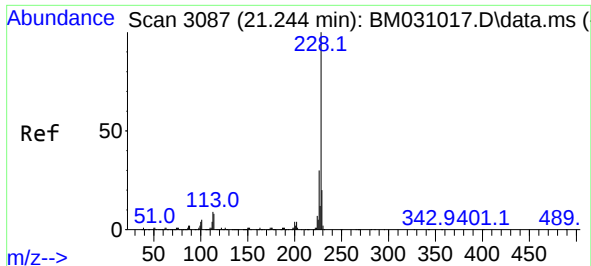
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#82
3,3'-Dichlorobenzidine
Concen: 5.479 ng
RT: 21.127 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:252 Resp: 44911
Ion Ratio Lower Upper
252 100
254 62.8 51.5 77.3
126 10.1 8.6 13.0





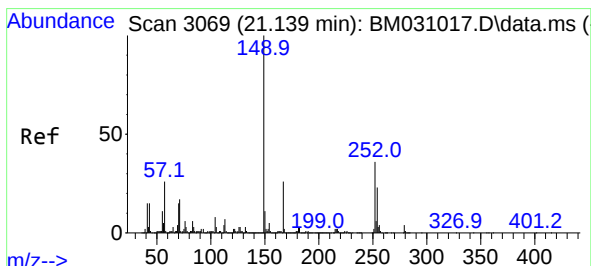
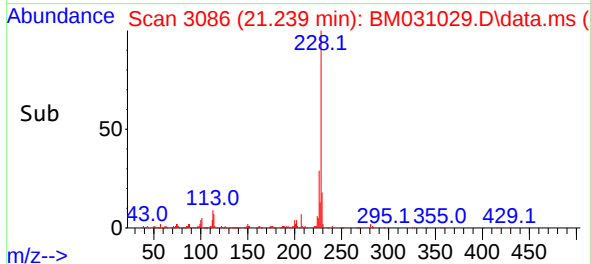
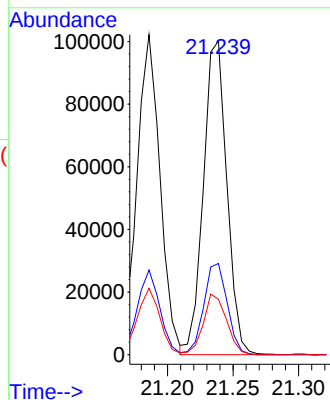
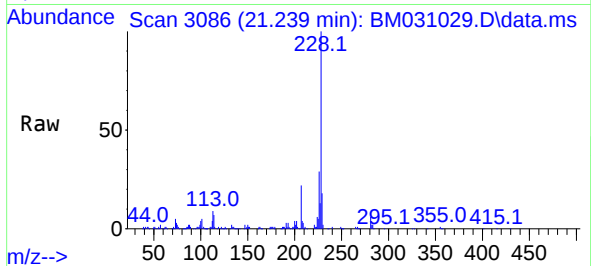
#83
Chrysene
Concen: 4.298 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 228 Resp: 124872
Ion Ratio Lower Upper
228 100
226 29.1 24.6 36.8
229 17.7 15.5 23.3

Instrument :
BNA_M
ClientSampleId :
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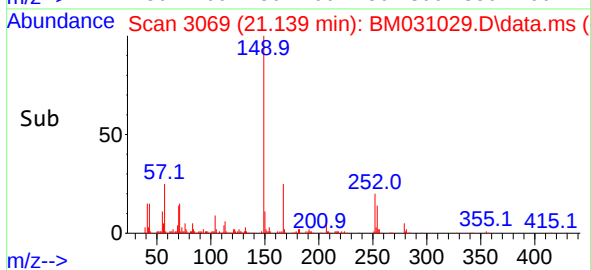
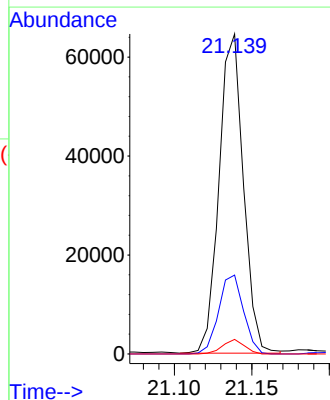
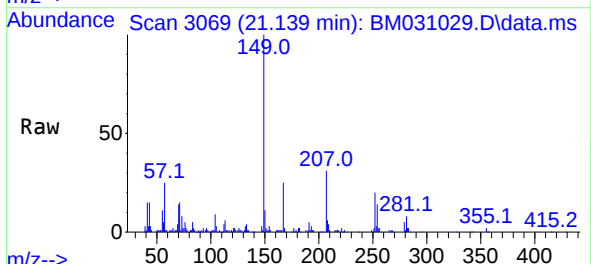
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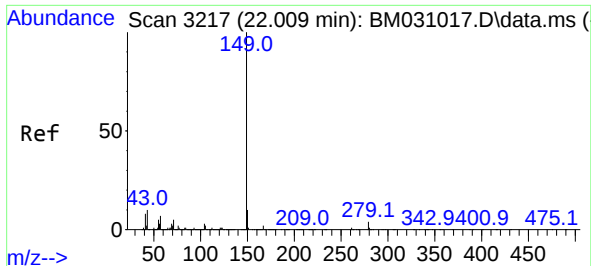
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.771 ng
RT: 21.139 min Scan# 3069
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

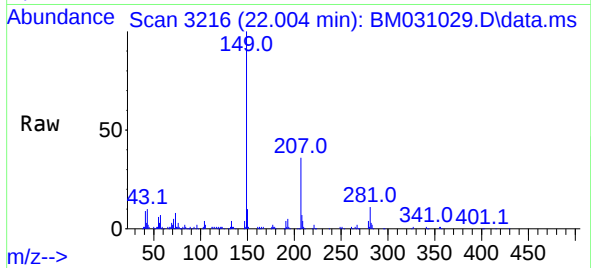
Tgt Ion: 149 Resp: 70285
Ion Ratio Lower Upper
149 100
167 24.6 22.6 33.8
279 4.5 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 3.813 ng
RT: 22.004 min Scan# 3216
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

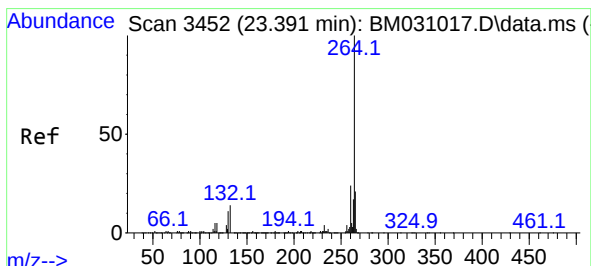
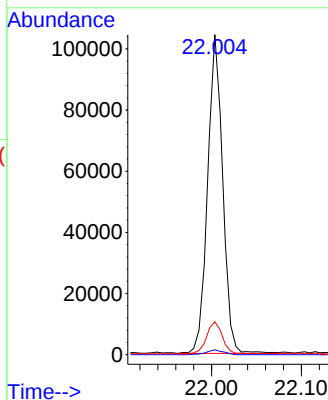
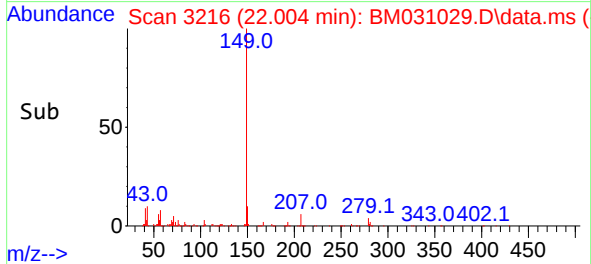
Instrument :
BNA_M
ClientSampleId :
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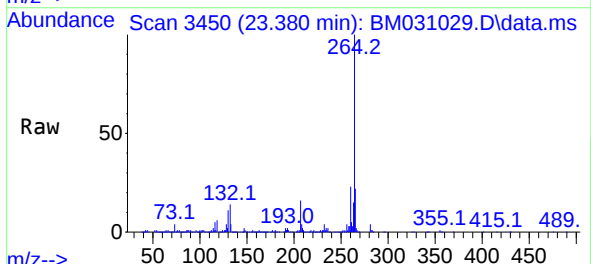
Tgt Ion:149 Resp: 121704
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.7 7.4 11.0

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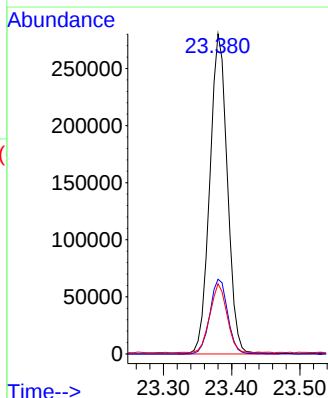
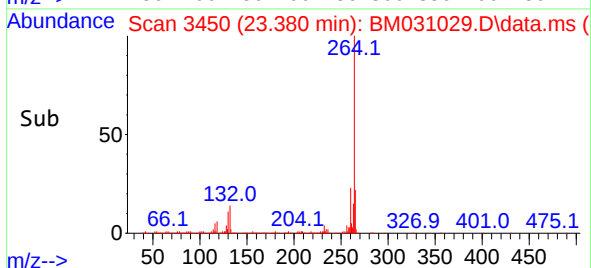
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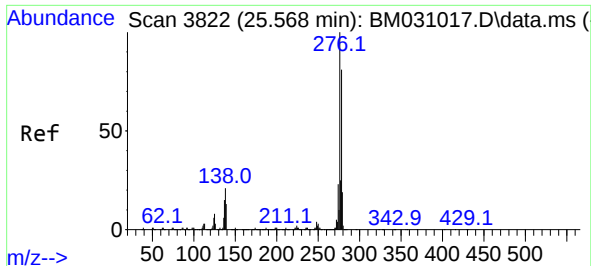


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.380 min Scan# 3450
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



Tgt Ion:264 Resp: 502610
Ion Ratio Lower Upper
264 100
260 23.4 19.8 29.8
265 21.9 17.7 26.5





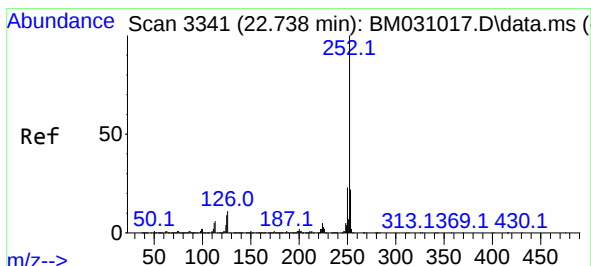
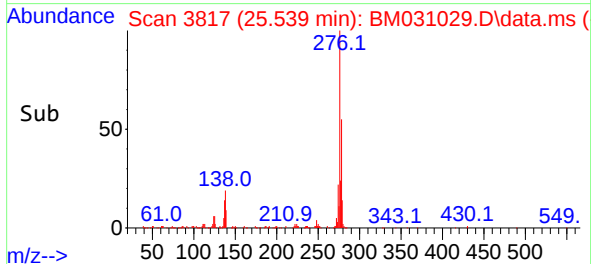
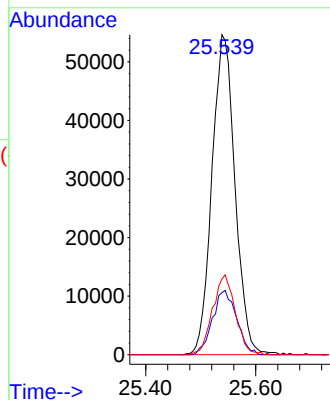
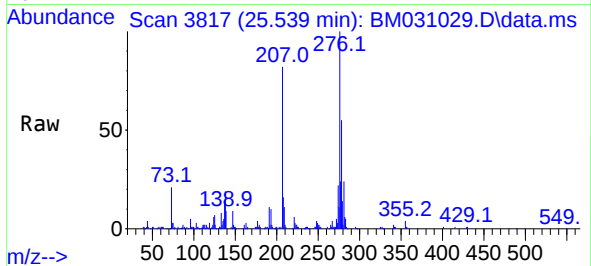
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.424 ng
RT: 25.539 min Scan# 3817
Delta R.T. -0.029 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:	276	Resp:	158906
Ion Ratio	Lower	Upper	
276	100		
138	21.0	17.1	25.7
277	24.5	20.3	30.5

Instrument :
BNA_M
ClientSampleId :
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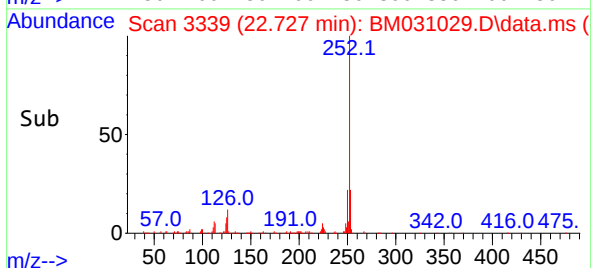
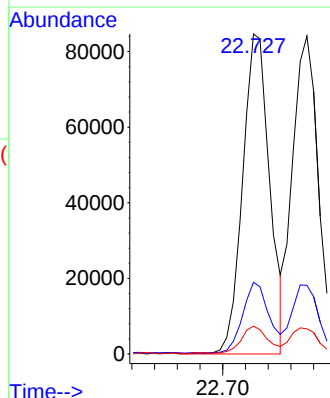
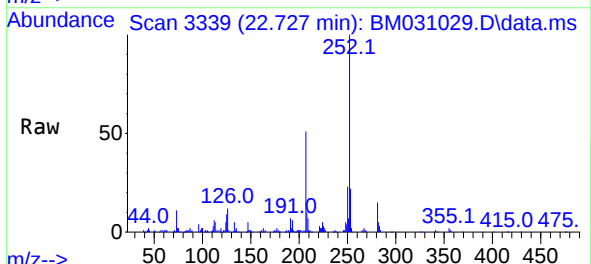
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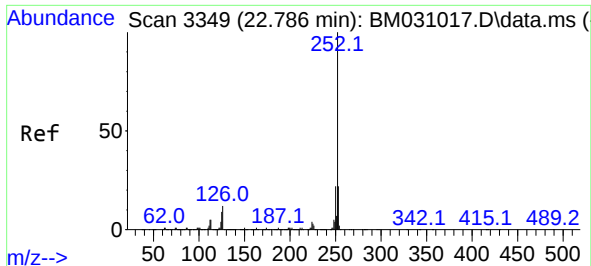
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#88
Benzo(b)fluoranthene
Concen: 4.202 ng
RT: 22.727 min Scan# 3339
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:	252	Resp:	139934
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.0
125	8.7	6.8	10.2





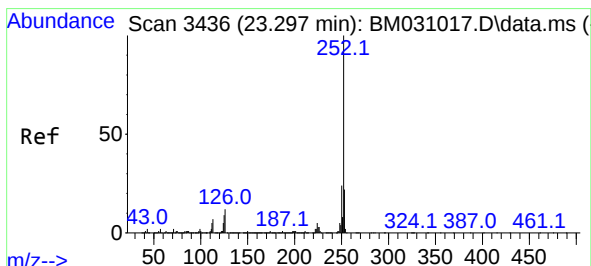
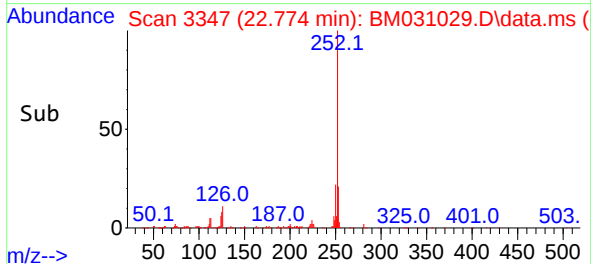
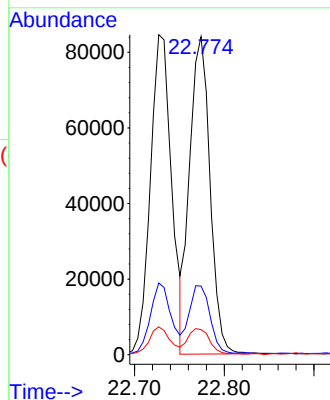
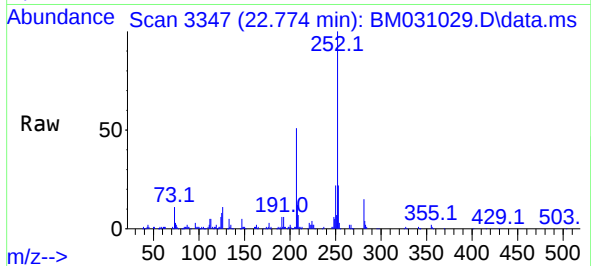
#89
Benzo(k)fluoranthene
Concen: 4.253 ng
RT: 22.774 min Scan# 3347
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:252 Resp: 132471
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 7.9 6.2 9.2

Instrument :
BNA_M
ClientSampleId :
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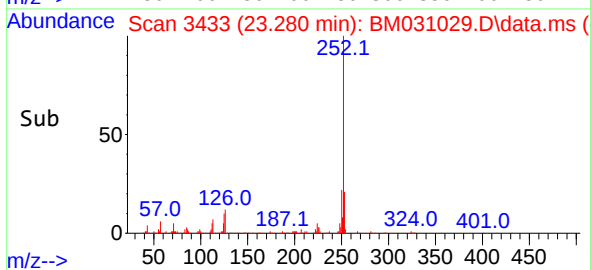
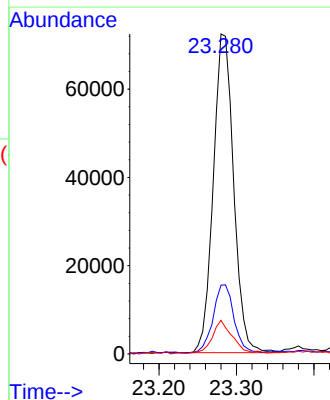
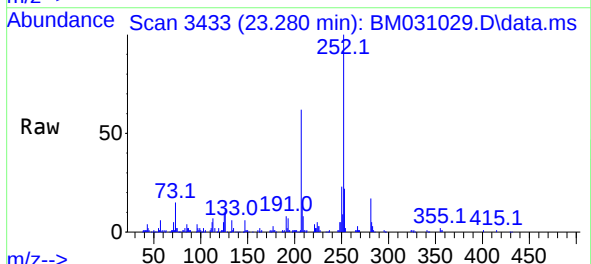
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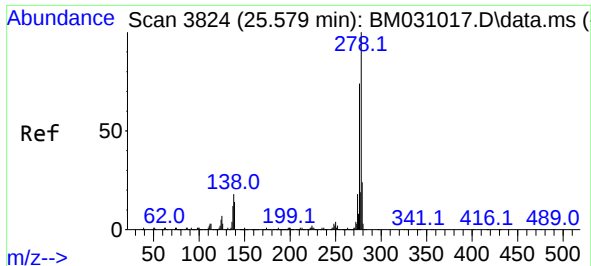
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#90
Benzo(a)pyrene
Concen: 4.407 ng
RT: 23.280 min Scan# 3433
Delta R.T. -0.017 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:252 Resp: 132132
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 10.5 7.3 10.9





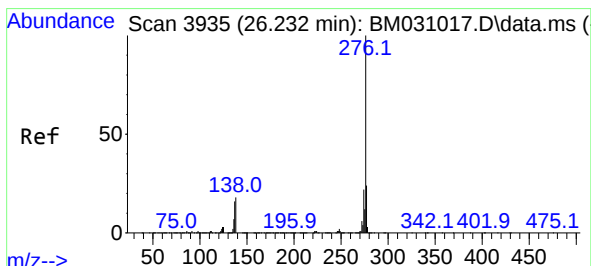
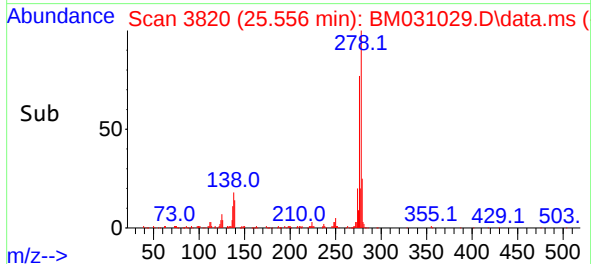
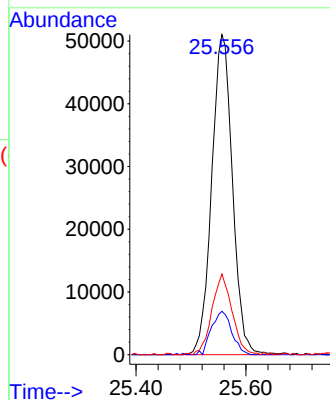
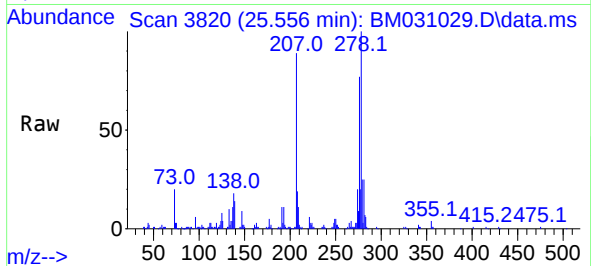
#91
Dibenzo(a,h)anthracene
Concen: 4.306 ng
RT: 25.556 min Scan# 3820
Delta R.T. -0.023 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 278 Resp: 133869
Ion Ratio Lower Upper
278 100
139 13.5 11.0 16.4
279 25.2 18.7 28.1

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations
APPROVED

mohammad
7/21/2021 11:26:46 AM



#92
Benzo(g,h,i)perylene
Concen: 4.471 ng
RT: 26.203 min Scan# 3930
Delta R.T. -0.029 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 276 Resp: 132441
Ion Ratio Lower Upper
276 100
277 22.9 19.4 29.2
138 16.5 14.4 21.6

